ELEMENTORVM ARCHITECTVRÆ MILITARIS.

PARS II.

In qua continentur

TABVLÆ SVPPVTATÆ.

DELINEATIONVM.
ORTHOGRAPHICÆ.
ICHNOGRAPHICÆ.
ET STEREOMETRICÆ.

Conatu

NICOLAI GOLDMANNI
Vratislaviensis Silesii.

LVGD. BATAV.
Ex Officinâ Elzevirianâ.

CIↃ IↃ CXLIII.

AD COMPACTOREM.

TABVLÆ ita ſunt ſeparandæ, ut quovis folio in quatuor partes diviſo, quævis quarta duo folia in octavo, (ut vocant) repræſentet. Commodiſſimum autem erit, ſi Pars quæque ſigillatim compingatur; ut & tabulæ cum textu, & figuræ cum tabulis, & textus cum figuris conferri queant.

LECTORI S.

In Tabula Ichnographica operum minorum, Fol. 10. in Caſtellis cum dimidiis propugnaculis, linea *a e* non eſt 16;000, ſed ter numeri 22:627. ſubſtituendi ſunt. Vale.

SYNOPSIS
LIBRI PRIMI.

Architectura militaris habet duas species, quarum

- 1. Geometrica, quæ distinguitur in
  - Præcognita, quæ concernunt vel
    - Scalæ confectionem. Propositione 1.
    - Defensionem
      - Vitiosam. Proposit. 2.
      - Genuinam. Proposi. 3.
  - Ipsam tractationē, quæ versatur circa.
    - Simplicia, eorumq; vel
      - Delineationem, operum
        - Minorum, eorumque aut
          - Absque Defensione: Reductuum
            - Inventio
              - Absque supputatione. 4.
              - Ex supputatione. 5.
            - Perfectio in
              - Chartâ. 6.
              - Campo 7.
          - Cum Defensione: nempe
            - Stellarum
              - Inventio
                - Absq; supput. 8.
                - Ex supput. 9.
              - perfectio
                - in chartâ. 10.
                - in campo. 11.
            - Castellorū cum dim. propugn.
              - Inventio
                - absq; supp. 12.
                - ex supput. 13.
              - perfectio
                - in chartâ. 14.
                - in campo. 15.
        - Majorum
          - Regulariū
            - inventio
              - absque supputatione
                - Acutangul. 16.
                - Rectangul. 17.
              - ex supputatione. 18.
            - Perfectio
              - in chartâ
                - totius figuræ. 19.
                - Partis figuræ. 20.
              - in campum translatio. 21.
          - Irregularium
            - Inventio
              - Ordinatorum
                - Circuli oblongi. I modi. 22.
                - fig. æquiang.
                  - Partes
                    - invētio
                      - absq; sup. 23.
                      - ex sup. 24.
                    - Delineatio. 25.
                  - Modi
                    - Secundus. 26.
                    - Tertius. 27.
              - Inordinatorum. 28.
            - Perfectio
              - Figuræ applicatio 29.
              - Delineatio in campo. 30.
      - Consummationem, quo ad
        - Superficies, Orthographiam & Ichnographiam. Libro II.
        - Corpora ipsa. } de quibus Libro III.
    - Composita: quomodo arces urbibus adjiciantur } de quibus Libro III.
- 2. Mechanica; eaque tam Defensiva, quam Offensiva; de utraque Libro IV.

SYNOPSIS
LIBRI SECUNDI.

Superficies considerantur vel

- Theoricè
  - 1. Orthographia, in quâ consideratur
    - inventio
      - loricarum
        - per se ubi
          - ipsarum constructio. Propositione 1.
          - areæ supputatio. Propositione 2.
        - Cum aliquot scabellis. Propositione 3.
      - valli pro
        - Repletis propugnaculis. 4.
        - Cavis propugnaculis. 5.
    - Compositio
      - De inventione loricæ viæ coopertæ. 6.
      - De fossâ, viis, ac margine. 7.
  - 2. Ichnographia, quæ vel est
    - Valli, figurarum
      - Regularium
        - operum minorum
          - Absque Defensione, Reductuum Ichnographica
            - supputatio. 8.
            - delineatio. 9.
          - Cum defensione
            - Stellarum
              - supputatio. 10.
              - delineatio. 11.
            - Castell. cum dimid. prop.
              - supputatio. 12.
              - delineatio. 13.
        - operum majorum
          - Quadrant. & Dimidiatorum quæ
            - supputantur. 14.
            - delineantur. 15.
          - Dodrantalium & Regiorum
            - supputatio. 16.
            - delineatio. 17.
      - Irregularium: de quarum Ichnographiâ. 18.
    - Fossæ
      - operum minorum
        - Absque defensione, Reductuum. 19.
        - Cum defensione
          - Stellarum. 20.
          - Cast. cum dimid. prop. 21.
      - operum majorum
        - Quadrantalium & Dimidiator. 22.
        - Dodrantalium & Regiorum. 23.
- Practicè, quatenus explorantur certis instrumentis. 24.

SYNOPSIS
LIBRI TERTII.

- Liber tertius agit
  - propriè de
    - Stereometriâ, cujus
      - fundamenta conſiſtunt in
        - contemplatione
          - Solidorum quadrangularium. Propoſitione 1.
          - Solidorum Triangularium
            - ſectione 2.
            - ſupputatione 3.
        - proportionalit.
          - Solidorum Triangularium externorum. 4.
          - Solidorum Triangularium internorum. 5.
      - Exempla
        - Valli ſupputandi hujus
          - Præcepta
            - per ſe, in
              - parvis operibus
                - abſque defenſion. Reductibus. 6.
                - Cum defenſione
                  - Stellis. 7.
                  - Caſt. cum dim. prop. 8.
              - majoribus
                - Quadrantalibus & dimidiatis. 9.
                - Dodrantalibus & Regiis. 10.
            - Corporum ſubtrahendorum
              - Solidorum ſuperior. & inferiorum
                - Sectio, in genere. 11.
                - in ſpecie proportionalitas, latitudine
                  - retentâ in
                    - ſuperioribus. 12.
                    - inferioribus. 13.
                  - mutatâ
                    - ſuperiorum 14.
                    - inferiorum 15.
              - Portarum vbi
                - Primario
                  - illarum inventio in
                    - Operibus minoribus. 16.
                    - operibus majoribus
                      - Caſtell.
                        - Quad. & dim. 17.
                        - Dodr. & Reg. 18.
                      - Munimentis. 19.
                  - Soliditas auferenda. 20.
                - per accidens, conſtructiones
                  - exteriores
                    - pontis penſilis. 21.
                    - aliorum adjunctor. 22.
                  - interiores, domus excubiar. 23.
          - Vſus
            - in genere
              - Soliditatis communis repertio. 24.
              - Soliditatis ad menſuras reductio. 25.
            - in ſpecie
              - Indicatio ſumptuum. 26.
              - Conjectura
                - temporis. 27.
                - operariorum. 28.
        - foſſarum
          - Diſpoſitio, ut terra ſufficiat, idque abſque ſupput. 29.
          - ſupputatio
            - in operibus minoribus iiſq; vel
              - abſque defenſ. Reductibus. 30.
              - cũ defenſ.
                - Stellis. 31.
                - Caſt. cum dim. prop, 32.
            - In operibus majoribus
              - Quadrantalibus & Dimid. 33.
              - Dodrantalibus & Regiis, 34.
    - Sciagraphiâ, eâque vel
      - Vulgatâ ſive communiori. 35.
      - Accuratiori, ex Proſpectiva. 36.
  - extra ordinem de Arcibus extruendis & urbibus adjungendis 37.

SYNOPSIS
LIBRI QVARTI.

- Liber Quartus habet
  - Præcognita, quorum usus
    - in campo
      - quo ad triangula delineanda
        - æquilatera. pr. 1.
        - alia quævis. 2.
      - quoad angulos
        - Recti anguli constructio
          - ex puncto. 3.
          - ex fine lineæ 4.
        - Angulorum divisio. 5.
    - in chartâ, figuræ regularis confectio. 6.
  - Ipsa Præcepta
    - Defensionis, ubi de
      - Operibus per se
        - Delineationibus
          - Regularibus, ubi
            - separatim de
              - Regijs
                - Castellis, ubi
                  - inventio requisitorum. 7.
                  - figuræ
                    - Constructio. 8.
                    - Munitio. 9.
                - Munimentis, ubi
                  - Constructio. 10.
                  - Munitio. 11.
              - Minoribus: de quibus tractatur. 12.
            - Conjunctim, de Regularibus figuris in campo. 13.
          - Irregularibus, de quibus
            - Regulæ præscribuntur. 14.
            - Exempla commonstrantur. 15.
        - Planorum consideratione, ut
          - Orthographiæ. 16.
          - Ichnographiæ. 17.
      - Operibus exterioribus
        - solis, de
          - minoribus, constructio
            - Parmulæ. 18.
            - Lunulæ. 19.
          - majoribus, operibus
            - Cornutis. 20.
            - Coronatis. 21.
        - Conjunctis: operis cornuti, parmulæ & operis coronati. 22.
    - Offensionis, cujus
      - Generalia, obsidionis dispositio. 23.
      - Specialia quoad
        - Obsidentes
          - Circumvallatio
            - Theoria
              - Castrametatio, quo modo castra
                - Munienda. 24.
                - dispon.
                  - separatim pro
                    - pedite. 25.
                    - equitatu. 26.
                  - Vniversim 27.
              - connexio, per lineas
                - per se consideratas. 28.
                - & Opera intermixta. 29.
            - Praxis, quomodo obsidio in chartam transferenda sit. 30.
          - Expugnatio, cujus adjumenta
            - Suggestus. 31.
            - appropinquatio per
              - Accessus. 32.
              - Vineam. 33.
        - Obsessos, obsessorum refugia. 34.

TABVLA REDVCTVVM. Fig. N° 5.

	Minimi.	*Parvi.*	*Mediocris.*	*Magni.*
Angulus Centri B A C.	90. Grad.	90. Grad.	90. Grad.	90. Grad.
Angulus Figuræ B C E.	90. Grad.	90. Grad.	90. Grad.	90 Grad.
Latus BC, C E.	48: 000.	72: 000.	96: 000.	120: 000.
Radius A B, A C.	33: 941.	50: 912.	67: 883.	84: 853.
Diagonalis B E.	67: 882.	101: 824.	135: 766.	169: 706.

TABVLA STELLARVM. Fig. N° 9.

	Quadrangulæ.	*Quinquángulæ.*	*Sexangulæ.*
Angulus Centri C A D.	90. Grad.	72. Grad.	60. Grad.
Angulus Figuræ B C D.	90: Grad.	108. Grad.	120. Grad.
Angulus Defensionis minor, F C G.	15. Grad.	15. Grad.	15. Grad.
Angulus Defensionis major, C F D.	150. Grad.	150. Grad.	150. Grad.
Angulus Defensus H C F.	60. Grad.	78. Grad.	90. Grad.
Semissis anguli Defensionis majoris, C F G.	75. Grad.	75. Grad.	75. Grad.
Radius A C.	70: 710.	85: 065.	100: 000.
Latus C D.	100: 000.	100: 000.	100: 000.
Perpendicularis major A G.	50: 000.	68: 819.	86: 601.
Perpendicularis minor F G.	13: 397.	13: 397.	13: 397.
Radius minor A F.	36: 603.	55: 422.	73. 205.
Facies F C.	51: 764.	51: 764.	51: 764.

TABVLA CASTELLORVM CVM DIMIDIIS PROPVGNACVLIS. Fig. N° 11.

	Parvorum.	*Mediocrium.*	*Majorum.*
Angulus Centri B A C.	90. Grad.	90. Grad.	90. Grad.
Angulus figuræ B C E.	90. Grad.	90. Grad.	90. Grad.
Angulus Defensionis H G F.	30. Grad.	30. Grad.	30. Grad.
Angulus Propugnaculi H I C.	60. Grad.	60. Grad.	60. Grad.
Angulus Faciei & Alæ F H I.	120. Grad.	120. Grad.	120. Grad.
Radius A B, A C.	84: 853.	106: 066.	127: 280.
Latus B C.	120: 000.	150: 000.	180: 000.
Linea Colli F C: item B G & G F.	40: 000.	50: 000.	60: 000.
Prolongatio lateris I C. Facies H I. Linea string. G H.	46: 188.	57: 735.	69: 282.
Ala H F.	23. 094.	28: 867.	34: 641.
Linea Defendens G I.	92. 376.	115: 470.	138: 564.
Pars Defendens K G.	86: 188.	107: 735.	129: 282.

CASTELLA	QVADRANTALIA.			DIMIDIATA.		
	Quadrang.	*Quinquan.*	*Sexangulũ.*	*Quadrang.*	*Quinquan.*	*Sexangul.*
Angulus Centri K L O.	90 Grad.	72 Grad.	60 Grad.	90 Grad.	72 Grad.	60 Grad.
Angulus Figutæ I K O.	90 Grad.	108 Grad.	120 Grad.	90 Grad.	108 Grad.	120 Grad.
Angulus Propugnaculi C H R.	60 Grad.	69 Grad.	75 Grad.	60 Grad.	69 Grad.	75 Grad.
Ang: Defensionis minorCHG.	15 Grad.	19 Gr. 30 M.	22 Gr. 30 M.	15 Grad.	19 Gr. 30 M.	22 Gr. 30 M.
Ang. Stringentis & Alæ A C F	75 Grad.	70 Gr. 30 M.	67 Gr. 30 M.	75 Grad.	70 Gr. 30 M.	67 Gr. 30 M.
Ang. Faciei & Alæ HC A.	105 Grad.	109 Gr. 30 M.	112 Gr. 30 M.	105 Grad.	109 Gr. 30 M.	112 Gr. 30 M.
Ang. Capitalis & Colli H K A	135 Grad.	126 Grad.	120 Grad.	135 Grad.	126 Grad.	120 Grad.
Radius minor. L K, L O.	123: 639.	148: 823.	178: 371.	247: 279.	297:646.	356: 743.
Latus interius. K O.	174: 853.	174:951.	178: 371.	349: 706.	349: 902.	356: 743.
Linea Colli K A, O B.	27: 426.	27: 475.	29: 186.	54: 853.	54: 951.	58: 371.
Ala. A C, B D.	15: 000.	20: 000.	22: 500.	30: 000.	40:000.	45: 000.
Facies H C, D P.	60: 000.	60: 000.	60: 000.	120: 000.	120:000.	120:000.
Dimidium Latus interius KM	87: 426.	87: 475.	89: 186.	174: 853.	174:951.	178:371.
Radius exterior L H, L P.	166: 814.	198: 301.	230: 865.	333: 628.	396:602.	461: 731.
Capitalis H K, O P.	43: 175.	49: 478.	52:494.	86: 349.	98: 955.	104: 988.
Chorda A B.	120: 000.	120: 000.	120: 000.	240: 000.	240: 000.	240: 000.
Ala Chordæ F B, E A.	64: 019.	63: 522.	65: 680.	128: 038.	127: 043.	131: 360.
Frons. H G, P Q.	57: 956.	56: 558.	55: 433.	115: 911.	113: 117.	110: 865.
Latus exterius H P.	235: 911.	233: 117.	230: 865.	471: 823.	466: 234.	461: 731.
Pars Chordæ A F, E B.	55: 981.	56: 478.	54: 320.	111: 961.	112: 956.	108: 639.
Linea Stringens C F, E D.	57: 955.	59: 915.	58: 795.	115:911.	119: 829.	117: 591.
Prolongatio Alæ C G, D Q.	15: 529.	20: 028.	22: 961.	31: 058.	40: 057.	45: 921.
Ala prolongata A G, B Q.	30: 529.	40: 028.	45: 461.	61: 058.	80: 057.	90: 921.
Perpendicularis interior L M.	87:426.	120: 400.	154: 474.	174: 853.	240: 800.	308: 949.
Perpendicularis exterior L N.	117: 956.	160: 429.	199: 935.	235: 911.	320: 857.	399: 870.
Defensio stringens. H F.	117: 955.	119: 915.	118: 975.	235: 911.	239: 829.	237: 591.
Defensio constans. H B.	180: 555.	181: 039.	181: 227.	361:111.	362: 078.	362: 454.

	CASTELLA. DODRANTALIA.			REGIA.		
	Quadrang.	*Quinquan.*	*Sexangulũ.*	*Quadrang.*	*Quinquan.*	*Sexangulũ.*
Angulus Centri KLO.	90 Grad.	72 Grad.	60 Grad.	90 Grad.	72 Grad.	60 Grad.
Angulus Figuræ I K O.	90 Grad.	108 Grad.	120 Grad.	90 Grad.	108 Grad.	120 Grad.
Angulus Propugnaculi CHR.	60 Grad.	69 Grad.	75 Grad.	60 Grad.	69 Grad.	75 Grad.
Ang. Defenſionis minor CHG	15 Grad.	19 Gr. 30 M.	22 Gr. 30 M.	15 Grad.	19 Gr. 30 M.	22 Gr. 30 M.
Ang. Stringentis & Alæ ACF.	75 Grad.	70 Gr. 30 M.	67 Gr. 30 M.	75 Grad.	70 Gr. 30 M.	67 Gr. 30 M.
Ang. Faciei & Alæ H C A.	105 Grad.	109 Gr. 30 M.	112 Gr. 30 M.	105 Grad.	109 Gr. 30 M.	112 Gr. 30 M.
Ang. Capitalis & Colli H K A	135 Grad.	126 Grad.	120 Grad.	135 Grad.	126 Grad.	120 Grad.
Radius minor L K, L O.	370: 918.	446: 470.	535: 114.	494: 558.	595: 293.	713: 486.
Latus interius K O.	524. 559.	524: 853.	535: 114.	699: 412.	699: 804.	713: 486.
Linea Colli K A, O B.	82: 279.	82: 426.	87: 557.	109: 706.	109: 902.	116: 743.
Ala. A C, B D.	45: 000.	60: 000.	67: 500.	60: 000.	80: 000.	90: 000.
Facies H C, D P.	180: 000.	180: 000	180: 000.	240: 000.	240: 000.	240: 000.
Dimid. latus inter. K M.	262: 279.	262: 426.	267: 557.	349: 706.	349: 902.	356: 743.
Radius exterior L H, L P.	500: 443.	594: 903.	692: 596.	667; 257.	793, 204.	923: 462.
Capitalis K H, O P.	129: 524.	148: 433.	157: 482.	172. 699.	197: 911,	209: 976.
Chorda A B.	360: 000.	360: 000.	360: 000.	480: 000.	480: 000.	480: 000.
Ala Chordæ F B, E A.	192: 058.	190: 565.	197: 041.	256: 077.	254: 087.	262: 721.
Frons H G, P Q.	173: 867.	169: 675.	166: 298.	231: 823.	226: 234.	221: 731.
Latus exterius H P.	707: 734.	699: 351.	692: 596.	943: 646.	932: 468.	923: 462.
Pars Chordæ A F, E B.	167: 942.	169: 435.	162: 960.	223: 923.	225: 913.	217: 279.
Linea ſtringens C F, E D.	173: 866.	179: 744.	176: 386.	231: 822.	239: 659.	235: 182.
Prolongatio Alæ C G, DQ.	46: 588.	60: 085.	68: 882.	62: 117.	80: 114.	91: 843.
Ala prolongata AG, B Q.	91: 588.	120: 085.	136: 382.	122: 117,	160: 114.	181: 843.
Perpendicularis interior L M.	262: 279.	361: 201.	463: 423.	349: 706.	481: 601.	617: 898.
Perpendicularis exterior L N.	353: 867.	481: 286.	599: 806.	471: 823.	641: 715.	799: 741.
Defenſio ſtringens H F.	353: 866.	359: 744.	356: 386.	471: 822.	479: 659.	475: 182.
Defenſio conſtans H B.	541: 666.	543: 118.	543: 682.	722: 222.	724: 157.	724: 909.

MVNIMENTA CVM PROPVGNACVLIS ACVTANGVLIS.

	Sexangul.	*Septangul.*	*Octangulū.*	*Nonangul.*	*Decangul.*	*Vndecang.*
Angulus Centri K L O.	60.	51.25.43.	45.	40.	36.	32.43.38.
Angulus Figuræ I K O.	120.	128.34.17.	135.	140.	144.	147.16.22.
Angulus Propugnaculi C H R.	75.	79.17.9.	82.30.	85.	87.	88.38.11.
Ang: Defenſionis minor CHG.	22.30.	24.38.34.	26.15.	27.30.	28. 30.	29.19.5.
Ang. Stringentis & Alæ A C F	67.30.	65.21.26.	63.45.	62.30.	61. 30.	60.40.55.
Ang. Faciei & Alæ HC A.	112.30.	114.38.34.	116.15.	117.30.	118. 30.	119,19.5.
Ang. Capitalis & Colli H K A	120.	115.42.51.	112.30.	110.	108.	106.21.49.
Radius minor. L K, L O.	713:486.	833:858.	955:661.	1078:508.	1212:607.	1347:085.
Latus interius. K O.	713:486.	723:586.	731:446.	737:740.	749:434.	759:042.
Linea Colli K A, O B.	116:743.	121:793.	125:713.	128:870.	134:717.	139:521.
Ala. A C, B D.	90:000.	100:000.	110:000.	120:000.	120:000.	120:000.
Facies H C, D P.	240:000.	240:000.	240:000.	240:000.	240:000.	240:000.
Dimidium Latus interius KM	356:743.	361:793.	365:713.	368:870.	374:717.	379:521.
Radius exterior L H, L P.	923:462.	1055:914.	1189:625.	1324:136.	1459:199.	1594:628.
Capitalis H K, O P.	209:976.	222:056.	233:964.	245:628.	246:592.	247:543.
Chorda A B.	480:000.	480:000.	480:000.	480:000.	480:000.	480:000.
Ala Chordæ F B, E A.	262:721.	262:011.	256:942.	249:482,	258:988.	266:321.
Frons. H G, P Q.	221:731.	218:143.	215:249.	212:882.	210:917.	209:258.
Latus exterius H P.	923:462.	916:286.	910:498.	905:764.	901:834.	898:516.
Pars Chordæ A F, E B.	217:279.	217:989.	223:058.	230:518.	221:012.	213:679:
Linea ſtringens C F, E D.	235:182.	239:831.	248:707.	259:882.	251:489.	245:069.
Prolongatio Alæ C G, D Q.	91:843.	100:070.	106:150,	110:820.	114:518.	117:518.
Ala prolongata A G, B Q.	181:843.	200:070.	216:150.	230:820.	234:518.	237:518.
Perpendicularis interior L M.	617:898.	751:278.	882:917.	1013:464.	1153:260.	1292:515.
Perpendicularis exterior L N.	799:741.	951:348.	1099:067.	1244:284.	1387:778.	1530:033.
Defenſio ſtringens. H F.	475:182.	479:831.	488:707.	499:882.	491:489.	485:069.
Defenſio conſtans. H B.	724:909.	726:245.	728:074.	730:317.	729:633.	729:035.

MVNIMENTA CVM PROPVGNACVLIS RECTANGVLIS.

	Duodecang.	*Tredecang.*	*Quatuord.*	*Quindecan.*	*Sedecang.*	*Septendec.*
Angulus Centri KLO.	30.	27.41.32.	25.42.51.	24.	22.30.	21.10.35.
Angulus Figuræ I K O.	150.	152.18.28.	154.17.9.	156.	157.30.	158.49.25.
Angulus Propugnaculi CHR.	90.	90.	90.	90.	90.	90.
Ang. Defenſionis minor CHG	30.	31.9.14.	32.8.34.	33.	33.45.	34.24.42.
Ang. Stringentis & Alæ ACF.	60.	58.50.46.	57.51.26.	57.	56.15.	55.35.18.
Ang. Faciei & Alæ H C A.	120.	121.9.14.	122.8.34.	123.	123.45.	124.24.42.
Ang. Capitalis & Colli H K A	105.	103.50.46.	102.51.26.	102.	101.15.	100.35.18.
Radius minor L K, L O.	1481:886.	1609:625.	1737:717.	1866:128.	1994:772.	2123:595.
Latus interius K O.	767:080.	770:422.	773:342.	775:992.	778:312.	780:410.
Linea Colli K A, O B.	143:540.	145:211.	146:671.	147:996.	149:156.	150:205.
Ala. A C, B D.	120:000.	120:000.	120:000.	120:000.	120:000.	120:000.
Facies H C, D P.	240:000.	240:000.	240:000.	240:000.	240:000.	240:000.
Dimid. latus inter. K M.	383:540.	385:211.	386:671.	387:996.	389:156.	390:205.
Radius exterior L H, L P.	1730:346.	1861:094.	1991:768.	2122:442.	2253:074.	2383:657.
Capitalis K H, O P.	248:460.	251:469.	254:051.	256:314.	258:302.	260:062.
Chorda A B.	480:000.	480:000.	480:000.	480:000.	480:000.	480:000.
Ala Chordæ F B, E A.	272:154.	281:496.	289:020.	295:217.	300:407.	304:820.
Frons H G, P Q.	207:847.	205:387.	203:213.	201:281.	199:553.	198:000.
Latus exterius H P.	895:694.	890:774.	886:426.	882:562:	879:106.	876:000.
Pars Chordæ A F, E B.	207:846.	198:504.	190:980.	184:783.	179:593.	175:180.
Linea ſtringens C F, E D.	240:000.	231:956.	225:551.	220:330.	215:994.	212:339.
Prolongatio Alæ C G, D Q.	120:000.	124:162.	127:687.	130:714.	133:337.	135:631.
Ala prolongata A G, B Q.	240:000.	244:162.	247:687.	250:714.	253:337.	255:631.
Perpendicularis interior L M.	1431:387.	1562:847.	1694:144.	1825:350.	1956:445.	2087:441.
Perpendicularis exterior L N.	1671:387.	1807:011.	1941:831.	2076:064.	2209:782.	2343:072.
Defenſio ſtringens H F.	480:000.	471:956.	465:551.	460:330.	455:994.	452:339.
Defenſio conſtans H B.	728:515.	727:578.	726:725.	725:949.	725:239.	724:590.

MVNIMENTA CVM PROPVGNACVLIS RECTANGVLIS.

	Octodecan.	*Vig.quadr.*	*Trigintang.*	*Trig. sexan.*	*Quad. oct.*	*Sexagint.*
Angulus Centri K L O.	20.	15.	12.	10.	7.30.	6.
Angulus Figuræ I K O.	160.	165.	168.	170.	172.30.	174.
Angulus Propugn. CHR.	90.	90.	90.	90.	90.	90.
Ang. Defensionis min. C H G.	35.	37. 30.	39.	40.	41. 15.	42.
Ang. Stringentis & Alæ. ACF.	55.	52. 30.	51.	50.	48. 45.	48.
Ang. Faciei & Alæ H C A.	125.	127. 30.	129.	130.	131. 15.	132.
Ang. Capitalis & Colli H K A.	100.	97. 30.	96.	95.	93. 45.	93.
Radius minor LK, LO.	2252: 629.	3029: 056.	3807: 856.	4587: 816.	6149: 654.	7712: 632.
Latus interius K O.	782: 340.	790: 726.	796: 026.	799: 722.	804: 368.	807: 332.
Linea Colli K A, O B.	151: 170.	155: 363.	158: 013.	159: 861.	162: 184.	163: 666.
Ala AC, BD.	120: 000.	120: 000.	120: 000.	120: 000.	120: 000.	120: 000.
Facies H C, D P.	240: 000.	240: 000.	240: 000.	240: 000.	240: 000:	240: 000.
Dimidium latus interius KM.	391: 170.	395: 363.	398: 013.	399: 861.	402: 184.	403: 666.
Radius exterior L H, L P.	2514: 256.	3297: 454.	4080: 380.	4863: 132.	6428: 470.	7993: 624.
Capitalis K H, O P.	261: 627.	268: 398.	272: 524.	275: 316.	278: 816.	280: 992.
Chorda A B.	480: 000.	480: 000.	480: 000.	480: 000.	480: 000.	480: 000.
Ala Chordæ F B, E A.	308: 622.	323: 612.	331: 812.	336: 990.	343: 166.	346: 727.
Frons HG. PQ.	196: 596.	190: 404.	186: 516.	183: 850.	180: 442.	178: 354.
Latus exterius H P.	873: 192.	860: 808.	853: 032.	847: 700.	840: 884.	836: 708.
Pars Chordæ AF, EB.	171: 378.	156: 388.	148: 188.	143: 010.	136: 834.	133: 273.
Linea stringens C F, E D.	209: 214.	197: 122.	190: 682.	186: 686.	181: 998.	179: 338.
Prolongatio Alæ C G, DQ.	137: 659.	146: 102.	151: 037.	154: 270.	158: 244.	160: 591.
Ala Prolongata A G, B Q.	257. 659.	266: 102.	271: 037.	274: 270.	278: 244.	280: 591.
Perpendicularis interior L M.	2218: 399.	3003: 139.	3786: 990.	4570: 357.	6136: 461.	7702: 080.
Perpendicularis exterior L N.	2476: 058.	3269: 241.	4058: 027.	4844: 627.	6414: 705.	7982: 671.
Defensio stringens H F.	449: 214.	437: 122.	430: 682.	426: 686.	421: 998.	419: 338.
Defensio constans H B.	723: 996.	721: 285.	719: 517.	718: 276.	716: 661.	715: 654.

CIRCVLORVM OBLONGORVM ordo & compositio.	Numerus Propugnaculorum totius figuræ.	Numerus Propugnaculorum ex minori figura.	Numerus Propugnaculorum ex majori figura.	Lineæ, AB, AC, AD, CB, & DB.
1. Ex Nonangulo & Duodecangulo.	10.	6.	4.	417: 923.
2. Ex Nonangulo & Octodecangulo.	12.	6.	6.	1204: 935.
3. Ex Nonangulo & Viginti quadrangulo.	14.	6.	8.	1989: 675.
4. Ex Nonangulo & Trigintangulo.	16.	6.	10.	2773: 526.
5. Ex Nonangulo & Triginta sexangulo.	18.	6.	12.	3556: 893.
6. Ex Nonangulo & Quadraginta octangulo.	22.	6.	16.	5122: 997.
7. Ex Nonangulo & Sexagintangulo.	26.	6.	20.	6688: 616.
8. Ex Duodecangulo & Octodecangulo.	14.	8.	6.	787: 012.
9. Ex Duodecangulo & Viginti quadrangulo.	16.	8.	8.	1571: 752.
10. Ex Duodecangulo & Trigintangulo.	18.	8.	10.	2355: 603.
11. Ex Duodecangulo & Triginta sexangulo.	20.	8.	12.	3138: 970.
12. Ex Duodecangulo & Quadraginta octangulo.	24.	8.	16.	4705: 074.
13. Ex Duodecangulo & Sexagintangulo.	28.	8.	20.	6270: 693.
14. Ex Octodecangulo & Viginti quadrangulo.	20.	12.	8.	784: 740.
15. Ex Octodecangulo & Trigintangulo.	22.	12.	10.	1558: 591.
16. Ex Octodecangulo & Triginta sexangulo.	24.	12.	12.	2351: 958.
17. Ex Octodecangulo & Quadraginta octangulo.	28.	12.	16.	3918: 062.
18. Ex Octodecangulo & Sexagintangulo.	32.	12.	20.	5483: 681.
19. Ex Viginti quadrangulo & Trigintangulo.	26.	16.	10.	783: 851.
20. Ex Viginti quadrangulo & Triginta sexangulo.	28.	16.	12.	1567: 218.
21. Ex Viginti quadrangulo & Quadraginta octangulo.	32.	16.	16,	3133: 322.
22. Ex Viginti quadrangulo & Sexagintangulo.	36.	16.	20.	4698. 941.
23. Ex Trigintangulo & Triginta sexangulo.	32.	20.	12.	783: 367.
24. Ex Trigintangulo & Quadraginta octangulo.	36.	20.	16.	2349: 471.
25. Ex Trigintangulo & Sexagintangulo.	40.	20.	20.	3915: 090:
26. Ex Triginta sexangulo & Quadraginta octang.	40.	24.	16.	1566: 104.
27. Ex Triginta sexangulo & Sexagintangulo.	44.	24.	20.	3131: 723.
28. Ex Quadraginta octangulo & Sexagintangulo.	52.	32.	20.	1565: 619.

PROPVGNACULA PLANA.

	Primus mod.	*Secund. mod.*	*Tertius mod.*
Anguli Figuræ.	180.	180.	180.
Angulus Propugnaculi R H C.	90.	90.	90.
Angulus Defensionis minor C H G, item A C F.	45.	45.	45.
Angulus Faciei & Alæ, H C A.	135.	135.	135.
Angulus Capitalis & Colli, H K A.	90.	90.	90.
Latus interius, & exterius K O, H P.	819:412.	819:412.	819:412.
Linea Colli AK, Frons HG, & Prolong. Alæ GC.	169:706.	169:706.	169:706.
Ala AC, & Pars Chordæ A F.	90:000.	110:000.	120:000.
Facies H C.	240:000.	240:000.	240:000.
Dimidium latus interius, & exterius K M, & H N.	409:706.	409:706.	409:709.
Linea Capitalis H K: & Ala prolongata A G.	259:706.	279:706.	289:706.
Chorda A B.	480:000.	480:000.	480:000.
Ala Chordæ F B.	390:000.	370:000.	360:000.
Linea stringens C F.	127:279.	155:563.	169:705.
Defensio stringens H F.	367:279.	395:563.	409:705.
Defensio constans H B.	699:689.	707:357.	711:370.

LORICÆ HORIZONTALES.

	Dodrant.	*Cast. regio.*	*Muniment.*
Triangul. A.	18,75.	18,75.	18,75.
Rectangul. B.	4:50,00.	4:50,00.	4:50,00.
Rectangul. C.	1:12,50.	1:12,50.	1:12,50.
Triangul. D.	1:68,75.	1:68,75.	1:68,75.
Rectangul. E.	39:37,50.	52:87,50.	93:37,50.
Triangul. F.	6:56,25,	8:81,25.	15:56,25.
Triangul. G.	5:06,25.	5:06,25.	5:06,25.
Area tota.	58:50,00.	74:25,00.	121:50,00.

LORICA REDUCTUUM. || LORICA STELLARUM.

LORICA REDUCTUUM.		LORICA STELLARUM.	
Triangul. A.	18,75.	Triangul. A.	18,75.
Rectangul. B.	4:50,00.	Rectangul. B.	4:50,00.
Rectangul. C.	37,50.	Rectangul. C.	37,50.
Triangul. D.	18,75.	Triangul. D.	18,75.
		Rectangul. E.	9:00,00.
Rectangul. E.	9:00,00.	Rectangul. F.	75,00.
Rectangul. F.	2:25,00.	Triangul. G.	18,75.
Triangul. G.	1:68,75.	Rectangul. H.	13:50,00.
Rectangul. H.	28:50,00.	Rectangul. I.	3:37,50.
		Triangul. K.	1:68,75.
Triangul. I.	3:56,25.	Rectangul. L.	28:12,50.
Triangul. K.	9:00,00.	Triangul. M.	2:81,25
Area tota	59:25,00.	Triangul. N.	14:06,25.
		Area tota.	78:75,00.

VALLUM BISECTUM.

	Dim. prop.	*Quadrant.*	*Dimidiat.*
Triangul. A.	4:50,00.	10:12,50.	18:00,00.
Rectangul. B.	31:50,00.	50:62,50.	90:00,00.
Pars posterior	36:00,00.	60:75,00.	108.00.00.
Rectangul. C.	75,00.	1:12,50.	1:50,00.
Triangul. D.	18,75.	18,75.	18,75.
Rectangul. E.	13:50,00.	18:00,00.	22:50,00.
Rectangul. F.	3:37,50.	4:50,00.	5:62,50.
Triangul. G.	1:68,75.	1:68,75.	1:68,75.
Rectangul. H.	18:00,00.	24:75,00.	60:37,50.
Triangul. I.	20:25,00.	2:06,25.	4:31,25.
Triangul. K.		20:35,00.	27:56,25.
Pars anterior.	57:75,00.	72:56,25.	123:75,00.

VALLUM.

	Dodrantale.	*Castell. regior.*	*Munimentor.*
Triang. A.	40:50,00.	72:00,00	162:00,00.
Rectan. B.	148:50,00.	216:00,00.	486:00,00.
Rectan. C.	2:25,00.	3:00,00.	4:50,00.
Triang. D.	18,75.	18,75.	18,75.
Rectan. E.	31:50,00.	40:50,00.	58:50,00.
Rectan. F.	7:87,50.	10:12,50.	14:62,50.
Triang. G.	1:68,75.	1:68,75.	1:68,75.
Rectan. H.	118:12,50.	193:87,50.	466:87,50.
Triangu. I.	6:56,25.	8:81,25.	15:56,25.
Triang. K.	45:56,25.	68:06,25.	126:56,25.
Tota area.	402:75,00.	614:25,00.	1336:50,00.

LORICÆ VIÆ COOPERTÆ.

	Quadrantalis.	*Dimidiata.*
Triangulum A.	1:68,75.	1:68,75.
Triangulum B.	79:31,25.	86:06,25.
Tota area.	81:00,00.	87:75,00.

LORICÆ VIÆ COOPERTÆ.

	Dodrantalis.	*Regia & Munim.*
Triangulum A.	18,75.	18,75.
Rectangulum B.	4:50,00.	4:50,00.
Rectangulum C.	1:12,50.	1:12,50.
Triangulum D.	1:68,75.	1:68,75.
Triangulum E.	231:00,00.	249:00,00.
Tota area.	238:50,00.	256:50,00.

ICHNOGRAPHIA REDVCTVVM.

	Minimi,	Parvi.	Medioc.	Magni.
DA.	21:213.	21:213.	21:213.	21:213.
DG.	4:243.	4:243.	4:243.	4:243.
GK.	11:314.	11:314.	11:314.	11:314.
DE.	15:000.	15:000.	15:000.	15:000.
EF, AB.	9:000.	21:000.	33:000.	45:000.
KM.	35:000.	47:000.	59:000.	71:000.
GI.	27:000.	39:000.	51:000.	63:000.

ICHNOGRAPHIA STELLARVM.

	Quadran.	Quinquan.	Sexangul.
FA.	36:000.	28:602.	25:456.
FI.	6:000.	4:767.	4:243.
IN.	18:000.	14:301.	12:728.
CD.	18:635.	18:635.	18:635.
CM.	3:106.	3:106.	3:106.
MP.	9:318.	9:318.	9:318.
FG.	31:177.	22:228.	18:000.
GH. AB.	20:587.	29:536.	33:764.
BD.	4:823.	4:823.	4:823.
AD.	25:410:	34:359.	38:587.
NP.	69:352.	63:367.	60:548.
IM.	56:156.	54:665.	53:960.

ICHNOGRAPHIA CASTELLORVM CVM DIMIDIIS PRDPVGNACVLIS

	Parva.	Mediocria.	Magna.
IE.	21:000.	21:000.	21:000.
Io.	6:000.	6:000.	6:000.
os.	32:000.	32:000.	32:000.
HT.	12:124.	12:124.	12:124.
Hi.	3:464.	3:464.	3:464.
im.	18:475.	18:475.	18:475.
FK.	14:849.	14:849.	14:849.
Fa.	4:243.	4:243.	4:243.
ae.	16:000.	16:000.	16:000.
NQ.	19:092.	19:092.	19:092.
IW, IV.	18:187.	18:187.	18:187.
WX, ET.	21:939.	33:486.	45:033.
XH, HY.	6:062.	6:062.	6:062.
YF, TG.	17:032.	22:805.	28:579.
GK, KL.	10:500.	10:500.	10:500.
FB, LM.	20:000.	25:000.	30:000.
VA, ED.	88:001.	114:548.	141:095.
OM, QS, PD, QR.	36:000.	51:000.	66:000.
NO, NP.	13:500.	13:500.	13:500.
EN.	38:501.	50:048.	61:595.
TK.	27:532.	33:305.	39:079.
NK.	19:000.	29:000.	39:000.
ſm.	90:067.	101:614.	113:161.
oi.	53:116.	64:663.	76:210.
me.	15:064.	20:837.	26:611.
ia.	21:826.	27:599.	33:375.
ef.	1:000.	6:000.	11:000.
ac, bB.	17:000.	22:000.	27:000.
ow.	111:384.	137:931.	164:478.
ſu.	139:097.	165:644.	192:191.
Qz, zy, xy, Qx.	6:000.	6:000.	6:000.

CASTELLA.	QVADRANTALIA.			DIMIDIATA.		
	Quadrang.	*Quinquang.*	*Sexangulū.*	*Quadrang.*	*Quinquang.*	*Sexangulū.*
HD.	22:500.	19:862.	18:480.	30:000.	26:483.	24:640.
Hb.	6:000.	5:297.	4:928.	8:000.	7:062.	6:571.
bq.	54:000.	47:669.	44:352.	76:000.	67:090.	62:422.
qx.	12:000.	10:593.	9:856.	14:000.	12:359.	11:499.
x dd.	6:000.	5:297.	4:928.	6:000.	5:297.	4:928.
dd kk.	72:000.	63:559.	59:136.	78:000.	68:855.	64:065.
CG.	14.180.	13:776.	13:530.	18:907.	18:368.	18:040.
Ce.	3:781.	3:674.	3:608.	5:042.	4:898.	4:811.
AO.	15:910.	15:910.	15:910.	21:213.	21:213.	21:213.
Ai.	4:243.	4:243.	4:243.	5:657.	5:657.	5:657.
KL.	15:910.	13:906.	12:990.	21:213.	18:541.	17:320.
LS.	22.274.	19:468.	18:187.	29:698.	25:957.	24:249.
ST.	4:500.	3:269.	2:598.	6:000.	4:359.	3:464.
TW, VX.	9:000.	9:000.	9:000.	12:000.	12:000.	12:000.
lm, gi.	3:000.	8:000.	10:500.	5:000.	15:000.	20:000.
mw, pt, nt, br.	27:000.	27:000.	27:000.	38:300.	38:000.	38:000.
wcc.	6:000.	6:000.	6:000.	7:000.	7:000.	7:000.
cc ii.	3:000.	3:000.	3:000.	3:000.	3:000.	3:000.
ii, oo.	36:000.	36:000.	36:000.	39:000.	39:000.	39:000.
tw.	11.265.	20:959.	25:061.	21:170.	41:185.	51:289.
aa cc.	10:475.	20:444.	23:868.	20:248.	41:154.	49:897.
gg ii.	10:080.	19:413.	23:271.	19:853.	40:639.	49:300.
nn oo, hh ii.	5:341.	13:227.	16:110.	14:719.	33:938.	41:543.
HB.	19:486.	16:369.	14:661.	25:981.	21:825.	19:548.
BE, DG.	31:882.	35:680.	37:822.	82:509.	87:574.	90:429.
EC, CR.	8:632.	7:951.	7:517.	11:510.	10:601.	10:023.
RA, GN.	6:368.	12:049.	14:983.	18:490.	29:399.	34:977.
NO, OP, IL.	11:250.	11:250.	11:250.	15:000.	15:000.	15:000.
AM, Pa.	60:000.	60:000.	60:000.	120:000.	120:000.	120:000.
DF.	17:905.	24:407.	26:985.	48:800.	59:726.	63:744.
FK.	10:337.	16:775.	20:706.	28:174.	41:049.	48:913.
kM, gm, il.	57:000.	57:000.	57:000.	116:000.	116:000.	116:000.
KN.	16:176.	16:225.	17:936.	39:853.	39:951.	43:711.
LO.	4:926.	8:051.	11:441.	24:853.	29:053.	34:711.
LQ.	15:750.	11:443.	9:093.	21:000.	15:257.	12:124.
Qa, SZ.	60:426.	67:858.	73:598.	138:853.	148:796.	157.587.
kk ll.	62:354.	52:380.	46:916.	67:550.	56:745.	50:826.
ll nn, dd ff.	164:040.	139:807.	127:266.	294:676.	255:089.	234:998.
ff gg, gg hh.	4:739.	6:186.	7:161.	5:134.	6:701.	7:757.
xaa.	163:978.	142:659.	131:114.	295:009.	257:940.	239:442.
bo.	111:166.	99:798.	94:672.	222:992.	200:026.	189:747.
om.	14:820.	25:598.	30:432.	26:173.	48:715.	58:848.
eg.	11:302.	11:120.	11:035.	24:069.	23:827.	23:673.
go.	42:180.	31:402.	26:568.	89:827.	67:285.	57:152.
TV. WX. Ymm.	4:500.	4:500.	4:500.	6:000.	6:000.	6:000.

CASTELLA.	DODRANTALIA			REGIA.		
	Quadran.	*Quinqua.*	*Sexangul.*	*Quadran.*	*Quinqua.*	*Sexang.*
H L.	90:000.	79:448.	73:921.	108:000.	95:338.	88:705.
H Q.	18:000.	15:890.	14:784.	36:000.	31:779.	29:568.
Q b.	30:000.	26:483.	24:640.	36:000.	31:779.	29:568.
b l.	6:000.	5:297.	4:928.	8:000.	7:062.	6:571.
l y.	120:000.	105:931.	98:561.	168:000.	148:304.	137:985.
y ee.	18:000.	15:890.	14:784.	36:000.	31:779.	29:568.
ee ll.	162:000.	143:007.	133:057.	174:000.	153:600.	142:913.
C K.	56:721.	55:104.	54:121.	68:065.	66:125.	64:945.
C T.	11:344.	11:021.	10:824.	22:688.	22:042.	21:648.
T e.	18:907.	18:368.	18:040.	22:688.	22:042.	21:648.
e o.	3:781.	3:674.	3:608.	5:042.	4:898.	4:811.
A qq.	45:000.	45:000.	45:000.	54:000.	54:000.	54:000.
I pp, PP qq, rr qq, rr B.	18:639.	18:639.	18:639.	22:367,	22:367.	22:367.
A Y.	12:728.	12:728.	12:728.	25:456.	25:456.	25:456.
Y h.	21:213.	21:213.	21:213.	25:456.	25:456.	25:456.
h q.	4:243.	4:243.	4:243.	5:657.	5:657.	5:657.
q t, r ſ.	10:000.	25:000.	32:500.	10:000.	30:000.	40:000.
ſ dd.	60:000.	60:000.	60:000.	84:000.	84:000.	84:000.
dd kk.	9:000.	9:000.	9:000.	18:000.	18:000.	18:000.
kk oo.	81:000.	81:000.	81:000.	87:000.	87:000.	87:000.
bb dd, x ſ.	37:924.	66:213.	78:194.	37:073.	77:498.	94:625.
hh kk, cc dd.	36:739.	64:667.	76:404.	34:703.	74:405.	91:045.
nn oo, ii kk.	26:075.	50:749.	60:292.	23:249.	59:456.	73:740.
H N.	77:942.	65:475.	58:645.	93:531.	78:571.	70:374.
N O, L K.	67:528.	82:722.	91:287.	105:033.	123:266.	133:544.
O C, C P.	34:530.	31:803.	30:068.	41:436.	38:163.	36:082.
P A, K I.	10:470.	28:197.	37:432.	18:564.	41;837.	53:918.
A M, B D.	180:000.	180:000.	180:000.	240:000.	240:000.	240:000.
b c.	25:981.	21:825.	19:548.	31:177.	26:190.	23:458.
c d, Q T.	202:494.	199:456.	197:743.	284:989.	278:911.	275:485.
d e, e f.	11:510.	10:601.	10:023.	13:812.	12:721.	12:027.
T X, f h.	27:906.	42:361.	49:514.	37:812.	56:721.	66:027.
X Y, Y Z.	15:000.	15:000.	15:000.	18:000.	18:000.	18:000.
h k, Z a.	156:000.	156:000.	156:000.	204:000.	204:000.	204:000.
ll mm.	140:296.	117:856.	105:562.	150:688.	126:586.	113:381.
mm nn, ee gg.	458:204.	394:120.	361:366.	648:987.	557:048.	510:164.
gg hh, hh ii.	10:664.	13:918.	16:112.	11:454.	14:949.	17:305.
y bb.	454:465.	396:489,	367:539.	631:634.	548:900.	507:591.
l w.	358:441.	319:498.	301:280.	497:201.	441:113.	414:828.
w ſ.	45:823.	76:523.	90:129.	48:132.	91:932.	111:333.
o t.	28:718.	27:082.	26:042.	40:693.	38:269.	36:727.
t w.	107:177.	76:477.	62:871.	151:868.	108:068.	88:667.
t ſ.	153:000.	153:000.	153:000.	200:000.	200:000.	200:000
L ſſ.	7:794.	6:548.	5:865.	10:392.	8:730.	7:819.
K ſſ.	3:453.	3:180.	3:007.	4:604.	4:240.	4:009.
ſſuu, tt xx, bbb eee, aaa ddd, D ccc.	9:000.	9:000.	9:000.	12:000.	12:000.	12:000.
ſſtt, uu xx, zz yy.	4:500.	4:500.	4:500.	6:000.	6:000.	6:000.
D aaa, ccc ddd.	40:000.	40:000.	40:000.	60:000.	60:000.	60:000.
aaa bbb, ddd eee.	50:000.	50:000.	50:000.	90:000.	90:000.	90:000.

II. Tabula. Ichnographiæ Munimentorum Acutangulorum.

MVNIMENTA ACVTANGVLA.

	Sexangul.	*Septang.*	*Octangul.*	*Nonang.*	*Decangul.*	*Vndecan.*
H L.	133:057.	126:959.	122:849.	119:895.	117;672.	115:939.
H Q.	44:352.	42:320.	40:950.	39:965.	39:224.	38:646.
Q b.	44:352.	42:320.	40:950.	39:965.	39:224.	38:646.
b l.	9:856.	9:404.	9:100.	8:881.	8:716.	8:588.
l y.	206:978.	197:492.	191:098.	186:504.	183:045.	180:350.
y ee.	44:352.	42:320.	40:950.	39:965.	39:224.	38:646.
ee ll.	142:913.	136:364.	131:949.	128:777.	126:388.	124:527.
C K.	97:418.	96:232.	95:384.	94:747.	94:251.	93:855.
C T.	32:473.	32:077.	31:795.	31:582.	31:417.	31:285.
T e.	32:473.	32:077.	31:795.	31:582.	31:417.	31:285.
e o.	7:216.	7:128.	7:065.	7:018.	6:982.	6:952.
A qq.	81:000.	81:000.	81:000.	81:000.	81:000.	81:000.
I pp, pp qq, qq rr, rr B.	33:551.	33:551.	33:551.	33:551.	33:551.	33:551.
A Y.	38:184.	38:184.	38:184.	38:184.	38:184.	38:184.
Y h.	38:184.	38:184.	38:184.	38:184.	38:184.	38:184.
h q.	8:485.	8:485.	8:485.	8:485.	8:485.	8:485.
q t, r ſ.	25:000.	35:000.	45:000.	55:000.	55:000.	55:000.
ſ dd.	126:000.	126:000.	126:000.	126:000.	126:000.	126:000.
dd kk.	27:000.	27:000.	27:000.	27:000.	27:000.	27:000.
kk oo.	87:000.	87:000.	87:000.	87:000.	87:000.	87:000.
bb dd, x ſ.	46:078.	57:681.	64:823.	69:622.	73:047.	75:604.
hh kk, cc dd.	40:707.	51:783.	58:528.	63:015.	66:190.	68:541.
nn oo, ii kk.	23:402.	32:780.	38:242.	41:726.	44:095.	45:784.
H N.	105:562.	97:764.	92:363.	88:396.	85:357.	82:951.
N O, L K.	80:315.	90:278.	97:268.	102:452.	106:453.	109:639.
O C, C P.	54:123.	51:958.	50:369.	49:152.	48:190.	47:410.
P A, K I.	35:877.	48:042.	59:631.	70:848.	71:810.	72:590.
A M, B D.	240:000.	240:000.	240:000.	240:000.	240:000.	240:000.
b e.	35:187.	32:588.	30:788.	29:465.	28:452.	27:650.
C d, Q T.	293:228.	289:907.	287:578.	285:849.	284:515.	283:453.
d e, e f.	18:041.	17:319.	16:790.	16:384.	16:063.	15:803.
T X, f h.	54:041.	63:319.	72:790.	82:384.	82:063.	81:803.
X Y, Y Z.	27:000.	27:000.	27:000.	27:000.	27:000.	27:000.
h k, Z a.	186:000.	186:000.	186:000.	186:000.	186:000.	186:000.
ll mm.	113:381.	105:006.	99:204.	94:944.	91:679.	89:096.
mm nn, ee gg.	627:768.	587:442.	559:896.	539:808.	524:487.	512:400.
gg hh, hh ii.	17:305.	19:003.	20:286.	21:289.	22:095.	22:757.
y bb.	615:257.	579:755.	555:689.	538:239.	524:987.	514:570.
l w.	476:113.	455:200.	441:393.	431:566.	424:211.	418:494.
w ſ.	71:141.	85:203.	94:202.	100:454.	105:047.	108:563.
o r.	45:091.	43:487.	42:311.	41:409.	40:696.	40:118.
t w.	108:859.	94:797.	85:798.	79:546.	74:953.	71:437.
t ſ, q r.	180:000.	180:000.	180:000.	180:000.	180.000.	180:000.
L ſſ.	11:729.	10:863.	10:263.	9:822.	9:484.	9:217.
K ſſ.	6:014.	5:773.	5:597.	5:461.	5:354.	5:268.
ſſ uu, tt xx, bbb eee, aaa ddd, D ccc.	18:000.	18:000.	18:000.	18:000.	18:000.	18:000.
ſſ tt, uu xx, zz yy.	9:000.	9:000.	9:000.	9:000.	9:000.	9:000.
D aaa, ccc ddd.	60:000.	60:000.	60:000.	60:000.	60:000.	60:000.
aaa bbb, ddd eee.	100:000.	100:000.	100:000.	100:000.	100:000.	100:000.

MVNIMENTA RECTANGVLA.

	Duodecan.	*Tredecan.*	*Quatuord.*	*Quindec.*	*Sedecang.*	*Septendec.*
HL.	114:551.	114:551.	114:551.	114:551.	114:551.	114:551.
HQ.	38:184.	38:184.	38:184.	38:184.	38:184.	38:184.
Qb.	38:184.	38:184.	38:184.	38:184.	38:184.	38:184.
bl.	8:485.	8:485.	8:485.	8:485.	8:485.	8:485.
ly.	178:190.	178:190.	178:190.	178:190.	178:190.	178:190.
y ee.	38:184.	38:184.	38:184.	38:184.	38:184.	38:184.
ee ll.	123:036.	123:036.	123:036.	123:036.	123:036.	123:036.
CK.	93:531.	92:994:	92:548.	92:169.	91:845.	91:564.
CT.	31:177.	30:998.	30:849.	30:723.	30:615.	30:521.
Te.	31:177:	30:998.	30:849.	30:723.	30:615.	30:521.
eo.	6:928.	6:888.	6:855.	6:827.	6:803.	6:783.
A qq.	81:000.	81:000.	81:000.	81:000.	81:000.	81:000.
I pp, pp qq, qq rr, rr B.	33:551.	33:551.	33:551.	33:551.	33:551.	33:551.
AY.	38:184.	38:184.	38:184.	38:184.	38:184.	38:184.
Yh.	38:184.	38:184.	38:184.	38:184.	38:184.	38:184.
hq.	8:485.	8:485.	8:485.	8:485.	8:485.	8:485.
qr, rſ.	55:000.	55:000.	55:000.	55:000.	55:000.	55:000.
ſdd.	126:000.	126:000.	126:000.	126:000:	126:000.	126:000.
dd kk.	27:000.	27:000.	27:000.	27:000.	27:000.	27:000.
kk oo.	87:000.	87:000.	87:000.	87:000.	87:000.	87:000.
bb dd, xſ.	77:580.	80:626.	82:969.	84:813.	86:297.	87:514.
hh kk, cc dd.	70:345.	73:099.	75:191.	76:815.	78:107.	79:153.
nn oo, ii kk.	47:033.	48:846.	50:127.	51:045.	51:716.	52:213.
HN.	81:000.	81:000.	81:000.	81:000.	81:000.	81:000.
NO, LK.	112:235.	113:316.	114:233.	115:020.	115:705.	116:304.
OC, CP.	46:765.	45:684.	44:767.	43:980.	43:295.	42:696.
PA, KI.	73:235.	74:316.	75:233.	76:020.	76:705.	77:304.
AM, BD.	240:000.	240:000.	240:000.	240:000.	240:000.	240:000.
bc.	27:000.	27:000.	27:000.	27:000.	27:000.	27:000.
cd, QT.	282:588.	282:228.	281:922.	281:660.	281:432.	281:232.
de, ef.	15:588.	15:228.	14:922.	14:660.	14:432.	14:232.
TX, fh.	81:588.	81:228.	80:922.	80:660.	80:432.	80:232.
XY, YZ.	27:000.	27:000.	27:000.	27:000.	27 000.	27:000.
hk, Za.	186:000.	186:000.	186:000.	186:000.	186:000.	186:000.
ll mm.	87:000.	87:000.	87:000.	87:000.	87:000.	87:000.
mm nn, ee gg.	501:611.	494:012.	487:744.	482:484.	477:994.	474:120.
gg hh, hh ii.	23:312.	24:253.	25:064.	25:770.	26:391.	26:940.
y bb.	505:158.	498:792.	493:586.	489:252.	485:575.	482:421.
lw.	413:920.	408:917.	404:885.	401:574.	398:797.	396:438.
wſ.	111:342.	115:751.	119:268.	122:135.	124:519.	126:531.
ot.	39:640.	38:840.	38:160.	37:578.	37:071.	36:627.
tw.	68:658.	64:249.	60:732.	57:865.	55:481.	53:469.
tſ, qr.	180:000.	180:000.	180:000.	180:000.	180:000.	180:000.
L ſſ.	9:000.	9:000.	9:000.	9.000.	9:000.	9:000.
K ſſ.	5:196.	5:076.	4:974.	4:887.	4:811.	4:744.
ſſuu, tt xx, bbb eee, aaa ddd, D ccc.	18 000.	18:000.	18:000.	18:000.	18:000.	18:000.
ſſ tt, uu xx, zz yy.	9:000.	9:000.	9:000.	9:000.	9:000.	9:000.
D aaa, ccc ddd.	60:000.	60:000.	60:000.	60:000.	60:000.	60:000.
aaa bbb, ddd eee.	100:000.	100:000.	100:000.	100:000.	100:000.	100:000.

IV *Tabula, Ichnographia Munimentorum Rectangulorum, ex figuris majoribus.* Fol. 15.

MVNIMENTA RECTANGVLA.

	Octodecang.	*Vig. quad.*	*Trigintan.*	*Trig. sexa.*	*Quad. oct.*	*Sexagint.*
H L.	114:551.	114:551.	114:551.	114:551.	114:551.	114:551.
H Q.	38:184.	38:184.	38:184.	38:184.	38:184.	38:184.
Q b.	38:184.	38:184.	38:184.	38:184.	38:184.	38:184.
b l.	8:485.	8:485.	8.485.	8:485.	8:485.	8:485.
l y.	178:190.	178:190.	178:190.	178:190.	178,190.	178:190.
y ee.	38:184.	38:184.	38:184.	38:184.	38:184.	38:184.
ee ll.	123:036.	123:036.	123:036.	123:036.	123:036.	123:036.
C K.	91:318.	90:314.	89:742.	89:374.	88:927.	88:666.
C T.	30:439.	30:105.	29:914.	29:791.	29:642.	29:555.
T e.	30:439.	30:105.	29:914.	29:791.	29:642.	29:555.
e o.	6:764.	6:690.	6:648.	6:621.	6:587.	6:568.
A qq.	81:000.	81:000.	81:000.	81:000.	81:000.	81:000.
I pp, pp qq, qq rr, rr B.	33:551.	33:551.	33:551.	33:551.	33:551.	33:551.
A Y.	38:184.	38:184.	38:184.	38:184.	38:184.	38:184.
Y h.	38:184.	38:184.	38:184.	38:184.	38:184.	38:184.
h q.	8:485.	8:485.	8:485.	8:485.	8:485.	8:485.
q t, r ſ.	55:000.	55:000.	55:000.	55:000.	55:000.	55:000.
ſ dd.	126:000.	126:000.	126:000.	126:000.	126:000.	126:000.
dd kk.	27:000.	27:000.	27:000.	27:000.	27:000.	27:000.
kk oo.	87:000.	87:000.	87:000.	87:000.	87:000.	87:000.
bb dd, x ſ.	88:517.	92:152.	93:866.	94:838.	95:877.	96:413.
hh kk, cc dd.	80:004.	82:987.	84:305.	85:011.	85:715.	86:049.
nn oo, ii kk.	52:573.	53:455.	53:497.	53:346.	52:971.	52:653.
H N.	81:000.	81:000.	81:000.	81:000.	81:000.	81:000.
N O, L K.	116:834.	119:055.	120:365.	121:229.	122:300.	122:936.
O C, C P.	42:166.	39:945.	38:635.	37:771.	36:700.	36:064.
P A, K I.	77:834.	80:055.	81:365.	82:229.	83:300.	83:936.
A M, B D.	240:000.	240:000.	240:000.	240:000.	240:000.	240:000.
b c.	27:000.	27:000.	27:000.	27:000.	27:000.	27:000.
c d, Q T.	281:055.	280:315.	279:878.	279:590.	279:233.	279:021.
d e, e f.	14:055.	13:315.	12:878.	12:590.	12:233.	12:021.
T X, f h.	80:055.	79:315.	78:878.	78:590.	78:233.	78:021.
X Y, Y Z.	27:000.	27:000.	27:000.	27:000.	27:000.	27:000.
hk, Z a.	186:000.	186:000.	186:000.	186:000.	186:000.	186:000.
ll mm.	87:000.	87:000.	87:000.	87:000.	87:000.	87:000.
mm nn, ee gg.	470:742.	456:940.	449:050.	443:931.	437:669.	433:981.
gg hh, hh ii.	27:431.	29:532.	30:808.	31:665.	32:744.	33:396.
y bb.	479:686.	468:637.	462:419.	458:423.	453:575.	450:741.
l w.	394:414.	386:408.	382:038.	379:283.	375:998.	374:107.
w ſ.	128:245.	134:923.	138:485.	140:698.	143:300.	144:779.
o t.	36:239.	34:589.	33:618.	32:978.	32:185.	31:713.
t w.	51:755.	45:077.	41:515.	39:302.	36:700.	35:221.
t ſ, q r.	180:000.	180:000.	180:000.	180:000.	180:000.	180:000.
L ſſ.	9:000.	9:000.	9:000.	9:000.	9:000.	9:000.
K ſſ.	4:685.	4:438.	4:293.	4:197.	4:078.	4:007.
ſſ uu, tt xx, bbb eee, aaa ddd. D ccc.	18:000.	18:000.	18:000.	18:000.	18:000.	18:000.
ſſ tt, uu xx, zz yy.	9:000.	9:000.	9:000.	9:000.	9:000.	9:000.
D aaa, ccc ddd.	60:000.	60:000.	60:000.	60:000.	60:000.	60:000.
aaa bbb, ddd e ee.	100:000.	100:000.	100:000.	100:000.	100:000.	100:000.

PROPVGNACVLA PLANA.

	Primus Modus.	Secundus modus.	Tertius modus.
HL.	114: 551.	114: 551.	114: 551.
HQ.	38: 184.	38: 184.	38: 184.
Qb.	38: 184.	38: 184.	38: 184.
bl.	8: 485.	8: 485.	8: 485.
lſy.	178: 190.	178: 190.	178: 190.
y ee.	38: 184.	38: 184.	38: 184.
ee ll.	123: 036.	123: 036.	123: 036.
CK.	87: 674.	87: 674.	87: 674.
CT.	29: 225.	29: 225.	29: 225.
Te.	29: 225.	29: 225.	29: 225.
eo.	6: 494.	6: 494.	6: 494.
A qq.	81: 000.	81: 000.	81: 000.
I pp, pp qq, rr qq, rr B.	33: 551.	33: 551.	33: 551.
AY.	38: 184.	38: 184.	38: 184.
Yh.	38: 184.	38: 184.	38: 184.
hq.	8: 485.	8: 485.	8: 485.
qt, rſ.	25: 000.	45: 000.	55: 000.
ſdd.	126: 000.	126: 000.	126: 000.
dd kk.	27: 000.	27: 000.	27: 000.
kk oo.	87: 000.	87: 000.	87: 000.
bb dd, x ſ.	97: 957.	97: 957.	97: 957.
hh kk, cc dd.	86: 773.	86: 773.	86: 773.
nn oo, ii kk.	50: 737.	50: 737.	50: 737.
HN.	81: 000.	81: 000.	81: 000.
NO, LK.	125: 449.	125: 449.	125: 449.
OC, CP.	33: 551.	33: 551.	33: 551.
PA, KI.	56: 449.	76: 449.	86: 449.
AM, BD.	240: 000.	240: 000.	240: 000.
bc.	27: 000.	27: 000.	27: 000.
cd, QT.	278: 184.	278: 184:	278: 184.
de, eſ.	11: 184.	11: 184.	11: 184.
TX, ſh.	47: 184.	67: 184.	104: 184.
XY, YZ.	27: 000.	27: 000.	27: 000.
hk, Za.	186: 000.	186: 000.	186: 000.
ll, mm.	87: 000.	87: 000.	87: 000.
mm nn, ee gg.	419: 661.	419: 661.	419: 661.
gg hh, hh ii.	36: 036.	36: 036.	36: 036.
y bb.	439: 881.	439: 881.	439: 881.
l w.	367: 071.	367: 071.	367: 071.
w ſ.	150: 147.	150: 147.	150: 147.
ot.	29: 853.	29 853.	29: 853.
t w.	29: 853.	29: 853.	29: 853.
t ſ. q r.	180: 000.	180: 000.	180: 000.
Lſſ.	9; 000.	9: 000.	9: 000.
K ſſ.	3: 728.	3: 728.	3: 728.
ſſ uu, tt xx, bbb eee, aaa ddd, D ccc.	18: 000.	18: 000.	18: 000.
ſſ tt, uu xx, zz yy.	9: 000.	9: 000.	9: 000.
D aaa, ccc ddd.	60: 000.	60: 000.	60: 000.
aaa bbb, ddd eee.	100: 000.	100: 000.	100: 000.

TRES LORICÆ HORIZONTALES. Fig. N° 93.

Solidum Triangulare exterius.				Solidum Triangulare interius.			
	In Dodrant.	*In Cast. reg.*	*In Munim.*		*In Dodrant.*	*In Cast. reg.*	*In Munim.*
1. Pyra. jac. Aa.	31,250.	31,250.	31,250.	1. Pyr. erect. Aa.	15,625.	15,625.	15,625.
2. Pris. erect. Bb.	6:750,000.	6:750,000.	6:750,000.	2. Pris. jac. Ak.	2:765,625.	3:328,125.	5:015,625.
3. Parallelep. Bf.	1:125,000.	1:125:000.	1:125,000.	3. Prism. ere. Bb.	6:750,000.	6:750,000.	6:750,000.
4. Pris. erect. Cc.	421,875.	421:875.	421:875.	4. Parallelep. Bl.	52:875,000.	66:375,000.	106:875,000.
5. Parallep. Cg.	3:656,250.	3:656,250.	3:656,250.	5. Pris. erect. Cc.	421,875.	421,875.	421,875.
6. Pyra. jac. Dc.	843,750.	843,750.	843,750.	6. Parallel. Cm.	12:375,000.	15:750,000.	25:875,000.
7. Pris. jac. Dg.	5:484,375.	5:484,375.	5:484:375.	7. Pyr. ere. Dc.	421,875.	421,875	421,875.
8. Pris. erect. Ed.	172:265,625.	310:640,625.	968:765,625.	8. Pris. jac. Dm.	18:562,500.	23:625,000.	38:812,500.
9. Parallep. Eh.	157:500,000.	211:500,000.	373:500,000.	9. Pris. erect. Ed.	172:265,625.	310:640,625.	968:765,625.
10. Pyr. erect. Fd.	19:140,625.	34:515,625.	107:640,625.	10. Parallele. En.	88:593,750.	118:968,750.	210:093,750.
11. Prism. jac. Fh.	26:250,000.	35:250,000.	62:250,000.	11. Pyra. jac. Fd.	38:281,250.	69:031,250.	215:281,250.
12. Pyr. erect. Ge.	3:796,875.	3:796,875.	3:796,875.	12. Pris. jac. Fn.	14:765,625.	19:828,125.	35:015,625.
13. Prism. jac. Gi.	64:546,875.	79:734,375.	125:296,875.	13. Pyra. jac. Ge.	7:593,750.	7:593,750.	7:593,750.
Solidũ exterius.	461:812,500.	693:750,000.	1659:562,500.	Solidũ interius.	415:687,500.	642:750,000.	1620:937,500.

LORICA REDVCTVVM. Fig. N°. 94.

Solidum triangulare exterius.		Solidum triangulare interius.	
1. Pyr. jac. Aa.	31:250.	1. Pyr. ere. Aa.	15,625.
2. Pris. erect. Bb.	6:750,000.	2. Pris. jac. Ao.	2:765,625.
3. Parallele. Bh.	1:125.000.	3. Pris. ere. Bb.	6:750,000.
4. Pris. erect. Cc.	46,875.	4. Parallel. Bp.	52:875,000.
5. Parallele. Ci.	1:218,750.	5. Pris. ere. Cc.	46,875,
6. Pyra. jac. Dc.	31:250.	6. Parallel. Cq.	4:312,500.
7. Pris. jac. Di.	609,375.	7. Pyr. ere. Dc.	15,625.
8. Pris. erect. Ed.	13:500,000.	8. Pris. jac. Dq.	2:156,250.
9. Parallep. Ek.	31:500,000.	9. Pris. ere. Ed.	13:500,000.
10. Pris. erect. Fe.	843,750.	10. Parellele. Er.	76:500,000.
11. Parallelep. Fl.	14.625,000.	11. Pris. ere. Fe.	843,750.
12. Pyra. jac. Ge.	843,750.	12. Parallele. Ff.	17:437,500.
13. Prism. jac. Gl.	10:968,750.	13. Pyr. ere. Ge.	421,875.
14. Pris. erect. Hf.	67:687,500.	14. Pris. jac. Gf.	13.078,125.
15. Parallel. Hm.	206:625,000	15. Pris. ere. Hf.	67:687,500.
16. Pyr. erect. If.	5:640,625.	16. Parallel. Ht.	85:500,000.
17. Pris. jac. Im.	25:828,125.	17. Pyra. jac. If.	11:281,250.
18. Pyr. erect. Kg.	9:000,000.	18. Prism. jac. It.	10:687,500.
19. Pris. jac. Kn.	108:000,000.	19. Pyr. jac. Kg.	18:000,000.
Solidũ exterius.	504:875,000.	Solidũ interius.	383:875,000.

LORICA STELLARVM. Fig. N° 95.

Solidum triangulare exterius		Solidum triangulare interius.	
1. Pyra. jac. Aa.	31,250.	1. Pyr. ere. Aa.	15,625.
2. Pris. erect. Bb.	6:750,000.	2. Pris. jac. Af.	3:328,125.
3. Parallelep. Bk.	1.125,000.	3. Pris. ere. Bb.	6:750,000.
4. Pris. erect. Cc.	46,875.	4. Parallel. Bt.	66:375,000.
5. Parallele. Cl.	1:218:750.	5. Pris. ere. Cc.	46,875.
6. Pyr. jac. Dc.	31,250.	6. Parallel. Cu.	5:437,500.
7. Prism. jac. Dl.	609,375.	7. Pyr. ere. Dc.	15,625.
8. Pris. erect. Ed.	13:500,000.	8. Pris. jac. Du.	2:718,750.
9. Parallele. Em.	31:500,000.	9. Pris. ere. Ed.	13:500,000.
10. Pris. erect. Fe	93,750.	10. Parallel. Ew.	103:500,000.
11. Parallele. Fn.	4:875,000.	11. Pris. erect. Fe.	93,750.
12. Pyr. jac. Ge.	31,250.	12. Parallel. Fx.	8:437,500.
13. Pris. jac. Gn.	1:218,750.	13. Pyr. ere. Ge.	15,625.
14. Pris. erect. Hf.	20:250,000.	14. Pris. jac. Gx.	2:109,375.
15. Parallel. Ho.	91:125,000.	15. Pris. ere. Hf.	20:250,000.
16. Pris. erect. Ig.	1:265,625.	16. Parallel. Hy.	111:375,000.
17. Parallelep. Ip.	32:906,250.	17. Pris. ere. Ig.	1:265,625.
18. Pyr. jac. Kg.	843,750.	18. Parallel. Iz.	25312,500.
19. Pris. jac. Kp.	16:453,125.	19. Pyr. ere. Kg.	421,875.
20. Pris. erect. Lh.	52:734,375.	20. Pris. jac. Kz.	12:656,250.
21. Parallele. Lq.	295.312,500.	21. Pris. ere. Lh.	52:734,375.
22. Pyr. ere. Mh.	3:515,625.	22. Parallel. Laa.	105:468,750.
23. Pris. jac. Mq.	29:531,250.	23. Pyr. jac. Mh.	7:031,250.
24. Pyr. erect. Ni.	17:578,125.	24. Pri. jac. Maa.	10:546,875.
25. Pris. jac. Nr.	200:390,625.	25. Pyr. jac. Ni.	35:156,250.
Solidum exter.	822:937,500.	Solidum inter.	594:562,500.

VALLVM CASTELLORVM CVM DIMIDIATIS PROPVGNACVLIS. Fig. N° 96.

Solidum Triangulare exterius.		Solidum Triangulare interius.	
1. Pyramis jacens A a.	9:000,000.	1. Pyramis erecta A a.	4:500,000.
2. Priſma erectum B b.	165:375,000.	2. Priſma jacens A d.	47:250,000.
5. Parallelepipedum B c.	94:500,000.	3. Priſma erectum B b.	165:375,000.
Solidum triangulare exterius, poſter.	268:875,000.	Solidum triangulare interius, poſter.	217:125,000.
1. Priſma erectum C e.	93,750.	1. Priſma erectum C e.	93:750.
2. Pyramis jacens D e.	31,250.	2. Parallelepipedum C o.	7:687,500.
3. Priſma erectum E f.	20:250,000.	3. Pyramis erecta D e.	15,625.
4. Parallelepipedum E k.	3:375,000.	4. Priſma jacens D o.	1:921,875.
5. Priſma erectum F g.	1:265,625.	5. Priſma erectum E f.	20:250,000.
6. Parallelepipedum F l.	10:968,750.	6. Parallelepipedum E p.	97:875,000.
7. Pyramis jacens G g.	843,750.	7. Priſma erectum F g.	1:265,625.
8. Priſma jacens G l.	5:484,375.	8. Parallelepipedum F q.	21:937,500.
9. Priſma erectum H h.	18:000,000.	9. Pyramis erecta G g.	421,875.
10. Parallelepipedum H m.	72:000,000.	10. Priſma jacens G q.	10:968,750.
11. Pyramis erecta I i.	30:375,000.	11. Priſma erectum H h.	18:000,000.
12. Priſma jacens I n.	121:500,000.	12. Parallelepipedum H r.	81:000,000.
		13. Pyramis jacens I i.	60:750,000.
Solidum exterius Anterioris partis.	284:187,500.	Solidum interius Anterioris partis.	322:187,500.

VALLVM CASTELLORVM QVADRANTALIVM ET DIMIDIATORVM. Fig. N° 97.

Solidum Triangulare exterius.	*In Quadrant.*	*In Dimidiatis.*	Solidum Triangulare interius.	*In Quadrant.*	*In Dimidiatis.*
1. Pyramis jacens A a.	30:375,000.	72:000,000.	1. Pyramis erecta A a.	15:187,500.	36:000,000.
2. Priſma erectum B b.	284:765,625.	675:000,000.	2. Priſma jacens A d.	113:906,250.	270:000,000.
3. Parallelepipedum B c.	227:812,500	540:000,000.	3. Priſma erectum. B b.	284:765,625.	675:000,000.
Solidum triang. poſterius.	542:953,125.	1287:000,000.	Solidum triang. poſterius.	413:859,375.	981:000,000.
1. Priſma erectum C e.	140,625.	187,500.	1. Priſma erectum C e.	140,625.	187,500.
2. Pyramis jacens D e.	31,250.	31,250.	2. Parallelepipedum C o.	12:375,000.	22:125,000.
3. Priſma erectum E f.	27:000.000.	33:750,000.	3. Pyramis erecta D e.	15,625.	15,625.
4. Parallelepipedum E k.	4:500,000.	5:625,000.	4. Priſma jacens D o.	2:062,500.	2:765,625.
5. Priſma erectum F g.	1:687,500.	2:109.375.	5. Priſma erectum E f.	27:000,000.	33:750,000.
6. Parallelepipedem F l.	14:625,000.	18:281,250.	6. Parallepipedum E p.	144:000,000.	264:375,000.
7. Pyramis jacens G g.	843,750.	843,750.	7. Priſma erectum F g.	1:687,500	2:109,375.
8. Priſma jacens G l.	5:484,375.	5:484,375.	8. Parallelepipedum F q.	32:625,000.	61:875,000.
9. Priſma erectum H h.	34:031,250.	173:578,125.	9. Pyramis erecta G g.	421,875.	421,875.
10. Parallelepipedum H m.	99:000,000.	241:500,000	10. Priſma jacens G q.	12:234,375.	18:562,500.
11. Pyramis erecta I h.	1:890,625.	8:265,625.	11. Priſma erectum H h.	34:031,250.	173:578,125.
12. Priſma jacens I m.	8:250,000.	17:250,000.	12. Parallelepipedum H r.	111:375,000.	316:968,750.
13. Pyramis erecta K i.	30:375,000.	48:234,375.	13. Pyramis jacens I h.	3:781,250.	16:531,250.
14. Priſma jacens K n.	136:687,500.	268:734,375.	14. Priſma jacens I r.	9:281,250.	22:640,625.
			15. Pyramis jacens K i.	60:750,000.	96:468,750.
Solidum exter. anter. part.	364:546,875.	823:875,000.	Solid. interius anter. partis.	451:781,250.	1032:375,000.

V A L L V M. Fig. N° 98.

Solidum Triangulare exterius.				Solidum Triangulare interius.			
	In Dodrantal.	*In Cast. regiis.*	*In Muniment.*		*In Dodrantal.*	*In Cast. regiis.*	*In Muniment.*
1. Pyr. jac. Aa.	243:000,000.	576:000,000.	1944:000:000.	1. Pyr. ere Aa	121:500:000.	288:000,000.	972:000,000.
2. Pri. ere. Bb.	1225:125,000.	1944:000,000.	6561:000,000.	2. Pri. jac. Ao	1458:000.000.	3024:000,000.	10206:000,000.
3. Paralle. Bh.	1336:500,000.	2592:000,000.	8748:000,000.	3. Pri. ere. Bb.	1225:125,000.	1944:000,000.	6561:000,000.
4. Pri. ere. Cc.	281,250.	375,000.	562,500.	4. Paralle. Bp.	2895:750,000.	5184:000,000.	17496:000,000.
5. Paralle. Ci.	57:375,000.	90:000,000.	202:500,000.	5. Pris. ere. Cc	281,250.	375,000.	562,500.
6. Pyr. jac. Dc	31,250.	31,250.	31,250.	6. Parall. Cq.	43:312,500.	71:250,000.	160:875,000.
7. Pri. jac. Di.	4:781,250.	5:625,000.	8:437,500.	7. Pyr. ere. Dc	15,625.	15,625.	15,625.
8. Pri ere. Ed.	47:250,000.	60:750,000.	87:750,000.	8. Pri. jac. Dq.	3:609,375.	4:453,125.	6:703,125.
9. Parall. E k.	811:125,000.	1225:125,000.	2647:125,000.	9. Pri. ere. Ed.	47:250,000.	60:750,000.	87:750,000.
10. Pris. ere. Fe.	2:953,125.	3:796,875.	5:484,375.	10. Paralle. Er.	511:875,000.	840:375,000.	1915:875,000.
11. Parallel. Fl.	226:406,250.	336:656,250.	705:656,250.	11. Pris. ere. Fe.	2:953,125.	3:796,875.	5:484,375.
12. Pyr. jac. Ge	843,750.	843,750.	843,750.	12. Parallel. Fs.	122:062,500.	202:500,000.	468:000,000.
13. Pris. jac. Gl.	48:515,625.	56:109,375.	81:421,875.	13. Pyr. ere. Ge	421,875.	421,875.	421,875.
14. Pris. ere. Hf	516:796,875.	1139:015,625.	4843:828,125.	14. Pri. jac. Gs.	26:156,250.	33:750,000.	54:000,000.
15. Parall. Hm.	3484:687.500.	6591:750,000.	22876:875,000.	15. Pri. ere. Hf.	516:796,875.	1139:015,625.	4843:828,125.
16. Pyr. ere. I f.	19:140,625.	34:515,625.	107:640,625.	16. Parall. H t.	797:343,750.	1599:468,750.	5252:343,750.
17. Pri. jac. Im	193:593,750.	299:625,000.	762:562,500.	17. Pyr. jac. If.	38:281,250.	69:031,250.	215:281,250.
18. Pyr. ere. Kg	102:515,625.	187:171,875.	949:218,750.	18. Pris. jac. I t.	44:296,875.	72:703,125.	175:078,125.
19. Pri. jac. Kn.	1742:765,625.	3113:859,375.	8827:734,375.	19. Pyr. jac. Kg	205:031,250.	374:343,750.	474:609,375.
Solidum exter.	10063:687,500.	18257:250,000.	59360:671,875.	Solid. interius.	8060:062,500.	14912:250,000.	48895:828,125.

ORICÆ VIÆ COOPERTÆ PRO CASTELLIS QTADRANTALIBVS ET DIMIDIATIS. Fig. N° 99.

Solidum Triangulare exterius.			Solidum Triangulare interius.		
	Pro Quadrantal.	*Pro Dimidiatis.*		*Pro Quadrantal.*	*Pro dimidiatis.*
1. Pyramis jacens A a.	843:750.	843,750.	1. Pyramis erecta A a.	421,875.	421,875.
2. Pyramis erecta B b.	931:921,875.	1097:296,875.	2. Prisma jacens A d.	59:484,375.	64:546,875.
3. Prisma jacens B c.	59:484,375.	64:546.875.	3. Pyramis jacens B b.	1863:843,750.	2194:593,750.
Solidum exterius.	992:250,000.	1162:687,500.	Solidum interius.	1923,750,000.	2259:562,500.

LORICÆ VIÆ COOPERTÆ PRO CASTELLIS DODRANTALIBVS, ET REGIIS: AC MVNIMENTIS. Fig. N°. 100.

Solidum Triangulare exterius.			Solidum Triangulare interius.		
	Pro Dodrantalib.	*Pro Reg. & Mun.*		*Pro Dodrantalib.*	*Pro Reg. & Mun.*
1. Pyramis jacens A a.	31,250.	31,250.	1. Pyramis erecta A a.	15,625.	15,625.
2. Prisma erectum B b.	6:750,000.	6:750,000.	2. Prisma jacens A h.	15:140,625.	16:265,625.
3. Parallelepipedum B e.	1:125,000.	1:125,000.	3. Prisma erectum B b.	6:750,000.	6:750,000.
4. Prisma erectum C c.	421,875.	421,875.	4. Parallelepipedum B i.	349,875,000.	376,875,000.
5. Parallelepipedum C f.	3:656,250.	3:656,250.	5. Prisma erectum C c.	421,875.	421,875.
6. Pyramis jacens D c.	843,750.	843,750.	6. Parallelepipedum C k.	86:625,000.	93:375,000.
7. Prisma jacens D f.	5:484,375.	5:484,375.	7. Pyramis erecta D c.	421,875.	421,875.
8. Pyramis erecta E d.	5929:000,000.	6889:000,000.	8. Prisma jacens D k.	129:937,500.	140:062,500.
9. Prisma jacens E g.	924:000,000.	996:000,000.	9. Pyramis jacens E d.	11858:000,000.	13778:000,000.
Solidum exterius.	6871:312,500.	7903:312,500.	Solidum interius.	12447:187,500.	14412:187,500.

	Basis.	*Solidum extern.*	*Basis.*	*Solidum intern.*
Lorica Horizontalis in Dodrantalibus.	15: 000.	461:812, 500.	15: 000.	415: 687,500.
Lorica Horizontalis in Castellis regiis.	18: 000.	693:750,000.	18: 000.	642:750,000.
Lorica Horizontalis in Munimentis.	27:000.	1659: 562, 500.	27:000.	1620: 937,500.
Lorica Reductuum.	15: 000.	504:875,000.	15: 000.	383:875, 000.
Lorica Stellarum.	18: 000.	822:937,500.	18: 000.	594: 562, 500.
Valli Cast. cum dimidiis propugnac. pars post.	13 : 500.	268:875,000.	13 : 500.	217: 125,000.
Valli Cast. cum dimidiis propug. pars anterior.	10: 500.	284: 187,500.	10: 500.	322:187, 500.
Valli Quadrantalis pars posterior.	15 : 750.	542: 953, 125.	15 : 750.	413: 859, 375.
Valli Quadrantalis pars anterior.	11 : 250.	364:546,875.	11 : 250.	451: 781, 250.
Valli Dimidiatorum Castellorum pars poster.	21: 000.	1287:000,000.	21: 000.	981:000,000.
Valli Dimidiatorum Castellorum pars anter.	15: 000.	823:875, 000.	15: 000.	1032:375,000.
Vallum Dodrantale.	45:000.	10063:687, 500.	45:000.	8060: 062,500.
Vallum Castellorum Regiorum.	54:000.	18257:250,000.	54:000.	14912: 250,000.
Vallum Munimentorum.	81: 000.	59360: 671, 875.	81: 000.	48895: 828, 125.
Lorica viæ coopertæ in Quadrantalibus.	36: 000.	992:250,000.	36: 000.	1923:750, 000.
Lorica viæ coopertæ in Dimidiatis.	39:000.	1162:687, 500.	39: 000.	2259:562,500.
Lorica viæ coopertæ in Castellis Dodrantal.	81: 000.	6871: 312, 500.	81: 000.	12447:187,500.
Lorica viæ coopertæ in Cast. Reg. & Munim.	87:000.	7903:312, 500.	87:000.	14412:187, 500.

TABVLA STEREOMETRICA REDVCTVVM. Fig. N° 105.

	Minimus.	*Parvus.*	*Mediocris.*	*Magnus.*
1. Solidum Triangulare exterius.	504:875,000.	504:875,000.	504:875,000.	504:875,000.
2. Solidum Quadrangulare.	533:250,000.	1244:250,000.	1955:250,000.	2666:250,000.
Octava pars Reductus.	1038:125,000.	1749:125,000.	2460:125,000.	3171:125,000.
Tota Soliditas Reductus.	8305:000,000.	13993:000,000.	19681:000,000.	25369:000,000.

TABVLA STEREOMETRICA STELLARVM. Fig. N° 106.

	Quadrangula.	*Quinquangula.*	*Sexangula.*
1. Solidum Triangulare externum.	1425:373,469.	1016:236,375.	822:937,500.
2. Solidum quadrangulare.	1621:226,250.	2375:960,000.	2658:915:000.
3. Solidum Triangulare internum.	159:309,719.	159:309,719.	159:309,719.
Dimidii lateris soliditas.	3205:909,438.	3501:506,094.	3641:162,219.
Tota Stellæ soliditas.	25647:275,504.	35015:060,940.	43693:946,628.

TABVLA STEREOMETRICA CASTELLORVM CVM DIMIDIIS PROPVGNACVLIS. Fig. N° 107.

	Parvum.	*Mediocre.*	*Majus.*
1. Solidum Triangulare externum.	492:239,815.	492:239,815.	492:239,815.
2. Solidum quadrangulare.	1266:977,250.	1933:816,500.	2600:655,750.
3. Solidum Triangulare externum.	164:070,917.	164:070,917.	164:070,917.
4. Solidum Triangulare externum.	164:070,917.	164:070,917.	164:070,917.
5. Solidum quadrangulare.	983:598,000.	1316:988,750.	1650:437,250.
6. Solidum ttiangulare internum.	322:187,500.	322:187,500.	322:187,500.
7. Solidum Triangulare internum.	322:187,500.	322:187,500.	322:187,500.
8. Solidum quadrangulare.	1155:000,000.	1443:750,000.	1732:500,000.
9. Solidum Triangulare externum.	492:239,815.	492:239,815.	492:239,815.
10. Solidum quadrangulare.	5060:057,750.	6615:147,000.	8148:236,250.
11. Solidum quadrangulare.	1296:000,000.	1836:000,000.	2376:000,000.
12. Solidum Triangulare externum.	268:875,000.	268:875,000.	268:875,000.
13. Solidum Triangulare externum.	268:875,000.	268:875,000.	268:875,000.
14. Solidum quadrangulare.	1296:000,000.	1836:000,000.	2376:000,000.
15. Prisma insistens Trapezio.	1881:940,500.	3625:855,500.	5889:429,000.
16. Prisma jacens Scalenum.	54:000,000.	54:000,000.	54:000,000.
Quarta pars soliditatis.	15488:319,964.	21156:304,214.	27322:004,714.
Tota Soliditas Castelli.	61953:279,856.	84625:216,856.	109288:018,856.

TABVLA STEREOMETRICA CASTELLORVM QVADRANTALIVM. Fig. N° 108.

	Quadrangulum.	*Quinquangulum.*	*Sexangulum.*
N° 1. Solidum Triangulare exterius.	631:427,592.	530:423,804.	475:077,487.
N° 2. Solidum Quadrangulare.	2313:437,625.	2589.030,000.	2744:458,875.
N° 3. Solidum Triangulare exterius.	279:712,767.	257:645,529.	243:582,121.
N° 4. Solidum Triangulare exterius.	279:712,767.	257:645,529.	243:582,121.
N° 5. Solidum Quadrangulare.	462:078,000.	874:305,562,5.	1087:203,937,5.
N° 6. Solidum Triangulare interius.	451:781,250.	451:781,250.	451:781,250.
N° 7. Solidum Triangulare interius.	451:781,250.	451:781,250.	451:781,250.
N° 8. Solidum Quadrangulare.	4353:750,000.	4353:750,000.	4353:750,000.
N° 9. Prisma cujus Basis est Trapezium.	1507:433,629,5.	2401:047,056,25.	3110:329,507,5.
N° 10. Solidum Triangulare externum.	542:953,125.	281:784,054.	313:464,937.
N° 11. Solidum Quadrangulare.	3670:879,500.	4122:373,500.	4471:078,500.
N° 12. Prisma erectum Scalenum.	45:562,500.	33:098,625.	26:304,750.
N° 13. Prisma jacens Scalenum.	91:125,000.	91:125,000.	91:125,000.
N° 14. Pyramis Scalena erecta.	30:375,000.	30:375,000.	30:375,000.
Soliditas Valli pro dimidio Propugnaculo.	15112:010,005,5.	16726:166,159,75.	18093:894,736.
Tota Soliditas Castelli, pro vallo.	120896:080,044.	167261:661,597,5.	217126:736,832.
N° 15. Solidum Triangulare externum.	1718:632,125.	1443:723,750.	1293:122,250.
N° 16. Solidum Quadrangulare.	13287:240,000.	11324:367,000.	10308:546,000.
N° 17. Solidum Triangulare internum.	253:240,312.	330:564,375.	382:665,937.
N° 18. Solidum Triangulare internum.	253:240,312.	330:564,375.	382:665,937.
N° 19. Solidum Quadrangulare.	432:621,000.	1071:387,000.	1304:910,000.
Soliditas loricæ viæ coopertæ pro dimidio latere.	15944:973,749.	14500:606,500.	13671:910,124.
Tota Soliditas loricæ viæ coopertæ.	127559:789,992.	145006:065,000.	164062:921,488.
Tota Soliditas Castelli.	248455:870,036.	312267:726,597,5.	381189:658,310.

TABVLA STEREOMETRICA CASTELLORVM DIMIDIATORVM.

	Quadrangulum.	*Quinquangulum.*	*Sexangulum.*
N° 1. Solidum Triangulare exterius.	1427:006,425.	1198:738,125.	1073:673,900.
N° 2. Solidum Quadrangulare.	10210:488,750.	10837:282,500.	11190:588,750.
N° 3. Solidum Triangulare exterius.	632:186,750.	582:259,925.	550:513,275.
N° 4. Solidum Triangulare exterius.	632:186,750.	582:259,925.	550:513,275.
N° 5. Solidum Quadrangulare.	2278:137,500.	3638:126,250.	4328:403,750.
N° 6. Solidum Triangulare interius.	1032:375,000.	1032:375,000.	1032:375,000.
N° 7. Solidum Triangulare interius.	1032:375,000.	1032:375,000.	1032:375,000.
N° 8. Solidum Quadrangulare.	14850:000,000.	14850:000,000.	14850:000,000.
N° 9. Prisma cujus Basis est Trapezium.	12096:241,608.	17413:213,725.	21334:113,432.
N° 10. Solidum Triangulare externum.	1287:000,000.	935:036,143.	743:028,000.
N° 11. Solidum Quadrangulare.	14996:124,000.	16069:968,000.	17019:396,000.
N° 12. Prisma erectum Scalenum.	108:000,000.	78:462,000.	62:352,000.
N° 13. Prisma jacens Scalenum.	216:000,000.	216:000,000.	216:000,000.
N° 14. Pyramis scalena erecta.	72,000,000.	72:000,000.	72:000,000.
Soliditas valli, pro dimidio Propugnaculo.	60670:121,783.	68538:096,593.	74055:332,382.
Tota Soliditas Castelli pro vallo.	485360:974,264.	685380:965,930.	888663:988,584.
N° 15. Solidum Triangulare externum.	2013:834,375.	1691:710,312.	1515:250,125.
N° 16. Solidum Quadrangulare.	25857:819,000.	22384:059,750.	20621:074,500.
N° 17. Solidum Triangulare internum.	297:451,125.	388:239,187.	449:421,187.
N° 18. Solidum Triangulare internum.	297:451,125.	388:239,187.	449:421,187.
N° 19. Solidum Quadrangulare.	1291:592,250.	2978:059,500.	3645:398,250.
Soliditas loricæ viæ coopertæ pro dimidio latere.	29758:147,875.	27830:307,936.	26680:565,249.
Tota Soliditas loricæ viæ coopertæ.	238065:183,000.	278303:079,360.	320166:782,988.
Tota Soliditas Castelli.	723426:157,264.	963684,045,290.	1208830:771,572.

TABVLA STEREOMETRICA CASTELLORVM DODRANTALIVM Fig. 109.

	Quadrangulum.	*Quinquangulum.*	*Sexangulum.*
Nº 1. Solidum Triangulare externum.	17430:754,025.	14642:665,312.	13115:221,187.
Nº 2. Solidum Quadrangulare.	27196:912,000.	33316:285,500.	36765:839,250.
Nº 3. Solidum Triangulare externum.	7722:202,875.	7112:343,412.	6724:332,350.
Nº 4. Solidum Triangulare externum.	7722:202,875.	7112:343,412.	6724:332,350.
Nº 5. Solidum Quadrangulare.	4216:791,500.	11356:341,750.	15075:738,000.
Nº 6. Solidum Triangulare internum.	3338:477,887.	3338:477,887.	3338:477,887.
Nº 7. Solidum Triangulare internum.	3338:477,887.	3338:477,887.	3338:477,887.
Nº 8. Solidum Triangulare internum.	3338:477,887.	3338:477,887.	3338:477,887.
Nº 9. Solidum Triangulare internum.	3338:477,887.	3338:477,887.	3338:477,887.
Nº 10. Solidum Quadrangulare.	72495:000,000.	72495:000,000.	72495:000,000.
Nº 11. Priſma erectum ſcalenum.	157:828,500.	132:597,000.	118:766,250.
Nº 12. Priſma jacens ſcalenum.	182:250,000.	182:250,000.	182:250,000.
Nº 13. Pyramis ſcalena erecta.	60:750,000.	60:750,000.	60:750,000.
Nº 14. Priſma ſcalenum erectum.	139:846,500.	128:790,000.	121:783,500.
Nº 15. Priſma ſcalenum jacens.	364:500,000.	364:500,000.	364:500,000.
Nº 16. Pyramis ſcalena erecta.	60:750,000.	60:750,000.	60:750,000.
Nº 17. Pyramis ſcalena erecta.	60:750,000.	60:750,000.	60:750,000.
Nº 18. Parallelepipedum ſcalenum.	3240:000,000.	3240:000,000.	3240:000,000.
Nº 19. Priſma jacens ſcalenum.	2025:000,000.	2025:000,000.	2025:000,000.
Soliditas valli pro dimidio propugnaculo.	156429:450,823.	165644:277,934.	170488:924,435.
Tota Soliditas Caſtelli pro vallo.	1251435:606,584.	1656442:779,340.	2045867:093,220.
Nº 20. Solidum Triangulare externum.	799:890,037.	671:937,187.	601:834,050.
Nº 21. Solidum Quadrangulare.	11845:899,000.	11668:176,000.	11567:965,500.
Nº 22. Solidum Triangulare exrernum.	354:364,125.	326:378,287.	308:583,112.
Nº 23. Solidum Triangulare externum.	354:364,125.	326:378,287.	308:583,112.
Nº 24. Solidum Quadrangulare.	1632:501,000.	2478:118,500.	2896;569,000.
Nº 25. Solidum Triangulare internum.	415:687,500.	415:687,500.	415:687,500.
Nº 26. Solidum Triangulare internum.	415:687,500.	415:687,500.	415:687,500.
Nº 27. Solidum Quadrangulare.	9126:000,000.	9126:000,000.	9126:000,000.
Soliditas loricæ Horizontalis pro dimidio propug.	24944:393,287.	25428:363,261.	25640:909,774.
Soliditas loricæ Horizontalis totius Caſtelli.	199555:146,296.	254283:632,610.	307690:917,288.
Nº 28. Solidum Triangulare externum.	11901:452,574.	9997:844,519.	8954:931,977.
Nº 29, Solidum Quadrangulare.	109281:654,000.	93997:620,000.	86185:791,000.
Nº 30, Solidum Triangulare internum.	1638:726,019.	2138:764,884,	2475:914,630,
Nº 31. Solidum Triangulare internum.	1638:726,019.	2138:764,884.	2475:914,630.
Nº 32. Solidum Quadrangulare.	6218:887,500.	12103:636,500.	14379:642,000.
Soliditas loricæ viæ coopertæ pro dimidio latere.	130679:446,112.	120376:630,787.	114472:194,237.
Soliditas totius loricæ Viæ coopertæ.	1045435:568,896.	1203766:307,870.	1373666:330,844.
Tota Caſtelli Soliditas.	2496426:321,776.	3114492:719,820.	3727224:341,352:

TABVLA STEREOMETRICA CASTELLORVM REGIORVM.

	Quadrangulum.	*Quinquangulum.*	*Sexangulum.*
N° 1. Solidum Triangulare externum.	31622:571,292.	26564:636,847.	23793:253,917.
N° 2. Solidum Quadrangulare.	64516:520,250.	75716:140, 500.	82029:402,000.
N° 3. Solidum Triangulare externum.	14009:396,500.	12902:804,292.	12199:223,972.
N° 4. Solidum Triangulare externum.	14009:396,500.	12902:804,292.	12199:223,972.
N° 5. Solidum Quadrangulare.	11402:937,000.	25698:377,250.	33119:131,500.
N° 6. Solidum Triangulare internum.	6176:709,181.	6176:709,181.	6176:709, 181.
N° 7, Solidum Triangulare internum.	6176:709, 181.	6176:709,181.	6176:709,181.
N° 8. Solidum Triangulare internum.	6176:709,181.	6176:709,181.	6176:709,181.
N° 9. Solidum Triangulare internum.	6176:709,181.	6176:709, 181.	6176:709,181.
N° 10. Solidum quadrangulare.	147420:000,000.	147420:000, 000.	147420:000,000.
N° 11. Prisma scalenum erectum.	374:112,000.	314:280,000.	281:484,000.
N° 12. Prisma jacens scalenum.	432:000,000.	432:000,000.	432:000, 000.
N° 13. Pyramis erecta scalena.	144:000,000.	144:000,000:	144:000,000.
N° 14. Prisma scalenum erectum.	331:488,000.	305:280,000.	288:648,000.
N° 15. Prisma jacens scalenum.	864:000,000.	864: 000,000.	864:000, 000.
N° 16. Pyramis erecta scalena.	144:000,000.	144:000,000.	144:000,000.
N° 17. Pyramis scalena erecta.	144: 000,000.	144:000,000.	144:000,000.
N° 18. Parallelepipedum scalenum.	8640:000,000.	8640:000,000.	8640:000,000.
N° 19. Prisma jacens scalenum.	6480:000,000.	6480:000, 000.	6480:000, 000.
Soliditas valli pro dimidio propugnaculo.	325241:258,266.	343379:159,905.	352885:204,085.
Tota Soliditas Castelli pro vallo.	2601930:066, 128.	3433791:599,050.	4234622:449,020.
N° 20. Solidum Triangulare externum.	1201:613,542.	1009: 406,250.	904:110,417.
N° 21. Solidum Quadrangulare.	21160:433,250.	20709:141,750.	20454:761,250.
N° 22. Solidum Triangulare externum.	532:337, 500.	490:288,542.	463:540,625.
N° 23. Solidum Triangulare externum.	532:337,500.	490:288,542.	463:540,625.
N° 24. Solidum Quadrangulare.	2807:541,000.	4211,534,250.	4902:504,750.
N° 25. Solidum Triangulare internum.	642:750,000.	642,750,000.	642:750,000.
N° 26. Solidum Triangulare internum.	642:750,000.	642:750,000.	642:750,000.
N° 27. Solidum Quadrangulare.	15147:000,000.	15147:000,000.	15147:000,000.
Soliditas loricæ Horizontalis pro dimidio propugn.	42666:762,792.	43343:159,334.	43620:957,667.
Soliditas totius loricæ Horizontalis.	341334:102,336.	433431: 593,340.	523451:492,004.
N° 28. Solidum Triangulare externum.	13688:900,621.	11499:410,530.	10299:833,040.
N° 29. Solidum Quadrangulare.	166465,165,500.	142882:812, 000.	130857:066,000.
N° 30. Solidum Triangulare internum.	1897:439,030.	2476:411,390.	2866:700,054.
N° 31. Solidum Triangulare internum.	1897:439,030.	2476:411,390.	2866:700,054.
N° 32. Solidum Quadrangulare.	5963:368,500.	15250:464, 000.	18914:310,000.
Soliditas loricæ viæ coopertæ pro dimidio latere.	189912:312, 681.	174585:509,310.	165804:609, 148.
Tota Soliditas loricæ viæ coopertæ.	1519298:501,448.	1745855:093,100.	1989655:309,776.
Tota Castelli Soliditas.	4462562:669,910,	5613078:285,490.	6747729:250,800.

I TABVLA. STEREOMETRICA MVNIMENTORVM ACVTANGVLORVM.

	Sexangulum.	*Septangulum.*	*Octangulum.*
Nº 1. Solidum Triangulare externum.	77360:879,561.	71646:132,410.	67688:021,437.
Nº 2. Solidum Quadrangulare.	107340:997,500.	120656:547,000.	130008:682,000.
Nº 3. Solidum Triangulare externum.	39663:921,530.	38077:306,041.	36912:810,885.
Nº 4. Solidum Triangulare externum.	39663:921,530.	38077:306,041.	36912:810,885.
Nº 5. Solidum Quadrangulare.	47949:610,500.	64208:133,000.	79696:831, 500.
Nº 6. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
Nº 7. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
Nº 8. Solidum Triangulare internum.	20253:134,931.	20253: 134,931.	20253:134,931.
Nº 9. Solidum Triangulare internum.	20253:134,931.	20255: 134,931.	20253:134,931.
Nº 10. Solidum Quadrangulare.	320760:000,000.	320760:000,000.	320760:000,000.
Nº 11. Prisma erectum scalenum.	950:049,000.	879:903,000.	831:303,000.
Nº 12. Prisma jacens scalenum.	1458:000,000.	1458:000,000.	1458:000,000.
Nº 13. Pyramis erecta scalena.	486:000,000.	486:000,000.	486:000,000.
Nº 14. Prisma erectum scalenum.	974:268,000.	935:226,000.	906:714,000.
Nº 15. Prisma jacens scalenum.	2916:000,000.	2916:000,000.	2916:000,000.
Nº 16. Pyramis erecta scalena.	486:000,000.	486:000,000.	486:000,000.
Nº 17. Pyramis erecta scalena.	486:000,000.	486:000,000.	486:000,000.
Nº 18. Parallelepipedum Scalenum.	19440:000,000.	19440: 000,000.	19440:000,000.
Nº 19. Prisma jacens scalenum.	16200:000,000.	16200:000, 000.	16200:000,000.
Soliditas valli pro dimidio propugnaculo.	757148:187:345.	776725:093,216.	796201:713,431.
Tota Soliditas valli.	9085778:248,140.	10874151:305,024,	12739227:414,896.
Nº 20. Solidum Triangulare externum.	3162:778,729.	2003:030,472.	1892:392,972.
Nº 21. Solidum Quadrangulare.	35627: 202,000.	35223:700,500.	34940:727,000.
Nº 22. Solidum Triangulare externum.	1108:895,076.	1064:517,146.	1032:002,014.
Nº 23. Solidum Triangulare externum.	1108:895,076.	1064:517,146.	1032:002,014.
Nº 24. Solidum Quadrangulare.	6565: 981,500.	7693:258,500.	8843:985,000.
Nº 25. Solidum Triangulare internum.	1620:937, 500.	1620,937, 500.	1620:937,500.
Nº 26. Solidum Triangulare internum.	1620:937, 500.	1620:937, 500.	1620:937,500.
Nº 27. Solidum Quadrangulare.	22599:000,000.	22599:000,000.	22599:000, 000.
Soliditas loricæ Horizontalis pro dimidio propugn.	72414:627,381.	72889:898,764.	73581:984,000.
Soliditas totius Loricæ Horizontalis.	868975:528, 572.	1020458:582,696.	1177311:744, 000.
Nº 28. Solidum Triangulare externum.	10299:833,040.	9539:025,659.	9011:956,474.
Nº 29. Solidum Quadrangulare.	161022:492,000.	150678:873, 000.	143613:324,000.
Nº 30. Solidum Triangulare internum.	2866:700,054.	3147:986,196.	3360:524,547.
Nº 31. Solidum Triangulare internum.	2866: 700,054.	3147:986, 196.	3360.524,547.
Nº 32. Solidum Quadrangulare.	6002:613,000.	8408:070,000.	9809:073,000.
Soliditas dimidii lateris loricæ viæ coopertæ.	183058:338, 148.	174921:941,051.	169155:402,568.
Tota soliditas loricæ viæ coopertæ.	2196700:057, 776.	2448907:174, 714.	2706486:441, 088.
Tota Soliditas Munimenti.	12151453:834,488.	14343517:062,434.	16623025:599,984.

II TABVLA. STEREOMETRICA MVNIMENTORVM ACVTANGVLORVM.

	Nonangulum.	*Decangulum.*	*Vndecangulum.*
N° 1. Solidum Triangulare externum.	64780:814,211.	62553:689,744.	60790:457,935.
N° 2. Solidum Quadrangulare.	136927:098,000.	142274:434,500.	146532:523,500.
N° 3. Solidum Triangulare externum.	36020:935,111.	35315:935,527.	34744:314,242.
N° 4. Solidum Triangulare externum.	36020:935,111.	35315:935,527.	34744:314,242.
N° 5. Solidum Quadrangulare.	94688:352,000.	95974:065,000.	97016:535,000.
N° 6. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
N° 7. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
N° 8. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
N° 9. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
N° 10. Solidum Quadrangulare.	320760:000,000.	320760:000,000.	320760:000,000.
N° 11. Prisma erectum scalenum.	795:582,000.	768:204,000.	746:577,000.
N° 12. Prisma jacens scalenum.	1458:000,000.	1458:000,000.	1458:000,000.
N° 13. Pyramis erecta scalena.	486:000,000.	486:000,000.	486:000,000.
N° 14. Prisma erectum scalenum.	884:682,000.	867:348,000.	853:416,000.
N° 15. Prisma scalenum jacens.	2916:000,000.	2916:000,000.	2916:000,000.
N° 16. Pyramis scalena erecta.	486:000,000.	486:000,000.	486:000,000.
N° 17. Pyramis scalena erecta.	486:000,000.	486:000,000.	486:000,000.
N° 18. Parallelepipedum scalenum.	19440:000,000.	19440,000,000.	19440:000,000.
N° 19. Prisma jacens scalenum.	16200:000,000.	16200:000,000.	16200:000,000.
Soliditas valli pro dimidio propugnaculo.	813362:938,157.	816314:152,022.	818672:677,643.
Tota Soliditas valli.	14640532:886,826.	16326283:040,440.	18010798:908,146.
N° 20. Solidum Triangulare externum.	1811:074,410.	1748:810,083.	1699:514,931.
N° 21. Solidum Quadrangulare.	34730:653,500.	34568:572,500.	34439:539,500.
N° 22. Solidum Triangulare exrernum.	1007:047,111.	987:316,757.	971:335,785.
N° 23. Solidum Triangulare externum.	1007:047,111.	987:316,757.	971:335,785.
N° 24. Solidum Quadrangulare.	10009:656,000.	9970:654,500.	9939:064,500.
N° 25. Solidum Triangulare internum.	1620:937,500.	1620:937,500.	1620:937,500.
N° 26. Solidum Triangulare internum.	1620:937,500.	1620:937,500.	1620:937,500.
N° 27. Solidum Quadrangulare.	22599:000,000.	22599:000,000.	22599:000,000.
Soliditas loricæ Horizontalis pro dimidio propug.	74406:353,132.	74103:545,597.	73861:665,501.
Soliditas totius loricæ Horizontalis.	1339314:356,376.	1482070:911,940.	1624956:641,022.
N° 28. Solidum Triangulare externum.	8624:966,690.	8328:365,364.	8093:718,741.
N° 29, Solidum Quadrangulare.	138460:752,000.	134530:915,500.	131430:600,000.
N° 30, Solidum Triangulare internum.	3526:678,847.	3660:198,653.	3769:863,804.
N° 31. Solidum Triangulare internum.	3526:678,847.	3660:198,653.	3769:863,804.
N° 32. Solidum Quadrangulare.	10702:719,000.	11310:367,500.	11743:596,000.
Soliditas dimidii lateris loricæ viæ coopertæ.	164841:795,384.	161490:045,670.	158807:642,349.
Soliditas loricæ Viæ coopertæ,	2967152:316,912.	3229800:913,400.	3493768:131,678.
Tota Munimenti Soliditas.	18946999:560,114.	21038154:865,780.	23129523:680,846.

I TABVLA STEREOMETRICA MVNIMENTORVM RECTANGVLORVM.

	Duodecangulum.	*Tredecangulum.*	*Quatuordecangul.*
N° 1. Solidum Triangulare externum.	59360:671,875.	59360:671,875.	59360:671,875.
N° 2. Solidum Quadrangulare.	150002:077,500.	151746:834,000.	152672:404,500.
N° 3. Solidum Triangulare externum.	34271:627,410.	33479:418,938.	32807:397,504.
N° 4. Solidum Triangulare externum.	34271:627,410.	33479:418,938.	32807:397,504.
N° 5. Solidum Quadrangulare.	97878:577,500.	99323:334,000.	100548:904, 500.
N° 6. Solidum Triangulare internum.	20253: 134,931.	20253:134,931.	20253:134, 931.
N° 7. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
N° 8. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
N° 9. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
N° 10. Solidum Quadrangulare.	320760:000, 000.	320760:000, 000.	320760:000, 000.
N° 11. Prisma erectum scalenum.	729:000,000.	729:000,000.	729:000, 000.
N° 12. Prisma jacens scalenum.	1458:000,000.	1458:000,000.	1458:000,000.
N° 13. Pyramis erecta scalena.	486:000,000.	486:000,000.	486:000,000.
N° 14. Prisma erectum scalenum.	841:752,000.	822: 312,000.	805:788,000.
N° 15. Prisma jacens scalenum.	2916:000,000.	2916:000,000.	2916: 000,000.
N° 16. Pyramis erecta scalena.	486:000,000.	486:000,000.	486:000,000.
N° 17. Pyramis erecta scalena.	486:000,000.	486:000,000.	486:000,000.
N° 18. Parallelepipedum scalenum.	19440:000,000.	19440:000,000.	19440:000,000.
N° 19. Prisma jacens scalenum.	16200:000,000.	16200:000, 000.	16200: 000,000.
Soliditas Valli pro dimidio Propugnaculo.	820599:873,419.	822185:529, 475.	822976:103,607.
Tota Soliditas valli.	19694396:962,056.	21376823:766,350.	23043330:900,996.
N° 20. Solidum Triangulare externum.	1659:562,500.	1659:562, 500.	1659:562,500.
N° 21. Solidum Quadrangulare.	34334:442,000.	34290:702,000.	34253:523,000.
N° 22. Solidum Triangulare internum.	958:120,750.	935:993,250.	917:184,875.
N° 23. Solidum Triangulare internum.	958:120,750,	935:993,250.	917:184,875.
N° 24. Solidum Quadrangulare.	9922:942,000.	9869:202,000.	9832:023,000.
N° 25. Solidum Triangulare internum.	1620:937, 500.	1620:937,500.	1620:937, 500.
N° 26. Solidum Triangulare internum.	1620:937,500.	1620:937,500.	1620:935,500.
N° 27. Solidum Quadrangulare.	22599:000,000.	22599:000,000.	22599:000, 000.
Soliditas loricæ Horizontalis pro dimidio propugn.	73674:063,000.	73532:328,000.	73420:353,250.
Soliditas totius loricæ Horizontalis.	1768177:512,000,	1911840:528,000.	2055769:891, 000.
N° 28. Solidum Triangulare externum.	7903:312, 500.	7903:312, 500.	7903:312,500.
N° 29. Solidum Quadrangulare.	128663:221, 500.	126714:078,000.	125106:336, 000.
N° 30. Solidum Triangulare externum.	3861:803,621.	4017:687,166.	4152:035,259.
N° 31. Solidum Triangulare externum.	3861:803,621.	4017:687,166.	4152:035,259.
N° 32. Solidum Quadrangulare.	12063:964:500.	12528:999,000.	12857: 575,500.
Soliditas dimidii lateris loricæ viæ coopertæ.	156354:105,742.	155181:763,832.	154171:294,518.
Tota Soliditas loricæ viæ coopertæ.	3752498:537,808.	4034725:859,632.	4316796:246,504.
Tota Munimenti soliditas.	25215073:011,864.	27323390:153,982.	29415897:038, 500.

II TABVLA STEREOMETRICA MVNIMENTORVM RECTANGVLORVM.

	Quindecangulum.	*Sedecangulum.*	*Septendecangulum.*
N° 1. Solidum Triangulare externum.	59360:671,875.	59360:671,875.	59360:671,875.
N° 2. Solidum Quadrangulare.	153724:230,000.	154639:732,500.	155440:296,000.
N° 3. Solidum Triangulare externum.	32230:646,285.	31728:645,541.	31289:669,708.
N° 4. Solidum Triangulare externum.	32230:646,285.	31728:645,541.	31289:669,708.
N° 5. Solidum Quadrangulare.	101600:730,000.	102516:232,500.	103316:796,000.
N° 6. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253.134,931.
N° 7. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
N° 8. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
N° 9. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
N° 10. Solidum Quadrangulare.	320760:000,000.	320760:000,000.	320760:000,000.
N° 11. Prisma erectum scalenum.	729:000,000.	729:000,000.	729:000,000.
N° 12. Prisma jacens scalenum.	1458:000,000.	1458:000,000.	1458:000,000.
N° 13. Pyramis erecta scalena.	486:000,000.	486:000,000.	486:000,000.
N° 14. Prisma erectum scalenum.	791:694,000.	779:382,000.	768:528,000.
N° 15. Prisma jacens scalenum.	2916:000,000.	2916:000,000.	2916:000,000.
N° 16. Pyramis erecta scalena.	486:000,000.	486:000,000.	486:000,000.
N° 17. Pyramis erecta scalena.	486:000,000.	486:000,000.	486:000,000.
N° 18. Parallelepipedum scalenum.	19440:000,000.	19440:000,000.	19440:000,000.
N° 19. Prisma jacens scalenum.	16200:000,000.	16200:000,000.	16200:000,000.
Soliditas Valli pro dimidio Propugnaculo.	823912:158,169.	824726:849,681.	825439:171,015.
Tota Soliditas Munimenti pro vallo.	24717364:745,070.	26391259:189,792.	28064931:814,510.
N° 20. Solidum Triangulare externum.	1659:562,500.	1659:562,500.	1659:562,500.
N° 21. Solidum Quadrangulare.	34221:690,000.	34193:988,000.	34169:688,000.
N° 22. Solidum Triangulare externum.	901:080,972.	887:066,889.	874:773,833.
N° 23. Solidum Triangulare externum.	901:080,972.	887:066,889.	874:773,833.
N° 24. Solidum Quadrangulare.	9800:190,000.	9772:488,000.	9748:188,000.
N° 25. Solidum Triangulare internum.	1620:937,500.	1620:937,500.	1620:937,500.
N° 26. Solidum Triangulare internum.	1620:937,500.	1620:937,500.	1620:937,500.
N° 27. Solidum Quadrangulare.	22599:000,000.	22599:000,000.	22599:000,000.
Soliditas loricæ Horizontalis pro dimidio propugn.	73324:479,444.	73241:047,278.	73167:861,166.
Soliditas totius loricæ Horizontalis.	2199734:383,320.	2343713:512,896.	2487707:279,644.
N° 28. Solidum Triangulare externum.	7903:312,500.	7903:312,500.	7903:312,500.
N° 29. Solidum Quadrangulare.	123757:146,000.	122605:461,000.	121611:780,000.
N° 30. Solidum Triangulare internum.	4268:989,332.	4371:862,532.	4462:808,405.
N° 31. Solidum Triangulare internum.	4268:989,332,	4371:862,532.	4462:808,405.
N° 32. Solidum Quadrangulare.	13093:042,500.	13265:154,000.	13392:634,500.
Soliditas dimidii lateris loricæ viæ copertæ.	153291:479,664.	152517:652,564.	151833:343,810.
Tota Soliditas loricæ viæ copertæ.	4598744:389,920.	4880564:882,048.	5162333:689,540.
Tota Munimenti soliditas.	31515843:518,310.	33615537:584,736.	35714972:783,694.

III TABVLA. STEREOMETRICA MVNIMENTORVM RECTANGVLORVM.

	Octodecangulum.	*Viginti quadrangul.*	*Trigintangulum.*
N° 1. Solidum Triangulare externum.	59360:671, 875.	59360:671, 875.	59360:671,875.
N° 2. Solidum Quadrangulare.	156148:641,000.	159117:007, 500.	160867:822,500.
N° 3. Solidum Triangulare externum.	30901: 260,374.	29273:605,408.	28313: 574,789.
N° 4. Solidum Triangulare externum.	30901: 260, 374.	29373:605,408.	28313: 574,789.
N° 5. Solidum Quadrangulare.	104025: 141,000.	106993:507,500.	108744:322, 500.
N° 6. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
N° 7. Solidum Triangulare internum.	20253:134, 931.	20253:134,931.	20253:134,931.
N° 8. Solidum Triangulare internum.	20253:134, 931.	20253:134,931.	20253: 134,931.
N° 9. Solidum Triangulare internum.	20253:134,931.	20253:134, 931.	20253: 134,931.
N° 10. Solidum Quadrangulare.	320760:000,000.	320760:000,000.	320760:000,000.
N° 11. Prisma erectum scalenum.	729: 000,000.	729:000,000.	729:000,000.
N° 12. Prisma jacens scalenum.	1458:000,000.	1458:000,000.	1458:000,000.
N° 13. Pyramis erecta scalena.	486:000,000.	486:000,000.	486:000,000.
N° 14. Prisma erectum scalenum.	758:970,000.	718:956,000.	695:466,000.
N° 15. Prisma jacens scalenum.	2916:000,000.	2916:000,000.	2916:000,000.
N° 16. Pyramis erecta scalena.	486:000,000.	486:000,000.	486:000,000.
N° 17. Pyramis erecta scalena.	486:000,000.	486:000,000.	486:000,000.
N° 18. Parallelepipedum scalenum.	19440:000,000.	19440:000,000.	19440:000,000.
N° 19. Prisma jacens scalenum.	16200:000,000.	16200:000, 000.	16200:000,000.
Soliditas valli pro dimidio propugnaculo.	826069:484,347.	828710:893,415.	830268:972, 177.
N° 20. Solidum Triangulare externum.	1659:562,500.	1659: 562,500,	1659: 562, 500.
N° 21. Solidum Quadrangulare.	34148:182,500.	34058:272, 500.	34005:177,000.
N° 22. Solidum Triangulare externum.	863:894,479.	818:410,174.	791:549,847.
N° 23. Solidum Triangulare externum.	863:894,479.	818:410,174.	791:549,847.
N° 24. Solidum Quadrangulare.	9726:682,500.	9636:772, 500.	9583:677, 000.
N° 25. Solidum Triangulare internum.	1620:937,500.	1620,937, 500.	1620:937,500.
N° 26. Solidum Triangulare internum.	1620:937, 500.	1620:937, 500.	1620:937,500.
N° 27. Solidum Quadrangulare.	22599:000,000.	22599:000, 000.	22599:000, 000.
Soliditas loricæ Horizontalis pro dimidio propugn.	73103:091,458.	72832:302,848.	72672:391,194.
N° 28. Solidum Triangulare externum.	7903: 312,500.	7903:312, 500.	7903:312,500.
N° 29. Solidum Quadrangulare.	120745:323,000.	117205:110,000.	115181:325,000.
N° 30. Solidum Triangulare internum.	4544:146,153.	4892:192,198.	5103:570,948.
N° 31. Solidum Triangulare internum.	4544:146, 153.	4892:192, 198.	5103:570,948.
N° 32. Solidum Quadrangulare.	13484:974,500.	13711:207, 500.	13721:980, 500.
Soliditas loricæ viæ coopertæ pro dimidio propugn.	151221: 902,306.	148604:014, 396.	147013:759, 896.
Tota Soliditas dimidii propugnaculi.	1050394: 478,111.	1050147:210,659.	1049955:123,267.

IV TABVLA. STEREOMETRICA MVNIMENTORVM RECTANGVLORVM.

	Triginta sexangulũ.	*Quadraginta octan.*	*Sexagintangulum.*
N° 1. Solidum Triangulare externum.	59360:671,875.	59360 671:875.	59360:671,875.
N° 2. Solidum Quadrangulare.	162022: 558,500.	163453:950,000.	164303:964,000.
N° 3. Solidum Triangulare externum.	27680:394,289.	26895:514,294.	26429:423,093.
N° 4. Solidum Triangulare externum.	27680:394,289.	26895:514,294.	26429:423,093.
N° 5. Solidum Quadrangulare.	109899:058,500.	111330:450,000.	112180:464, 000.
N° 6. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
N° 7. Solidum Triangulare internum.	20253:134,931.	10253:134,931.	20253:134,931.
N° 8. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
N° 9. Solidum Triangulare internum.	20253:134,931.	20253:134. 931.	20253:134,931.
N° 10. Solidum Quadrangulare.	320760: 000,000.	320760:000, 000.	320760:000, 000.
N° 11. Prisma erectum scalenum.	729:000,000.	729:000, 000.	729:000,000.
N° 12. Prisma jacens scalenum.	1458: 000,000.	1458:000, 000.	1458:000,000.
N° 13. Pyramis erecta scalena.	486:000,000.	486:000, 000.	486:000,000.
N° 14. Prisma erectum scalenum.	679:914,000.	660:636,000.	649:134,000.
N° 15. Prisma scalenum jacens.	2916:000,000.	2916:000,000.	2916:000,000.
N° 16. Pyramis scalena erecta.	486: 000,000.	486: 000,000.	486: 000,000.
N° 17. Pyramis scalena erecta.	486:000,000.	486:000,000.	486:000,000.
N° 18. Parallelepipedum scalenum.	19440:000,000.	19440,000,000.	19440:000,000.
N° 19. Prisma jacens scalenum.	16200: 000,000.	16200:000, 000.	16200: 000,000.
Soliditas valli pro dimidio propugnaculo.	831296: 531,177.	832570:276, 187.	833326:619,785.
N° 20. Solidum Triangulare externum.	1659:562,500.	1659: 562, 500.	1659:562,500.
N° 21. Solidum Quadrangulare.	33970:185, 000.	33926:809, 500.	33901:051, 500.
N° 22. Solidum Triangulare externum.	773:847,847.	751:904,744.	738:874,104.
N° 23. Solidum Triangulare externum.	773:847,847.	751:904,744.	738:874,104.
N° 24. Solidum Quadrangulare.	9548:685, 000.	9505: 309,500.	9479:551, 500.
N° 25. Solidum Triangulare internum.	1620:937, 500.	1620:937,500.	1620:937,500.
N° 26. Solidum Triangulare internum.	1620:937, 500.	1620:937,500.	1620:937,500.
N° 27. Solidum Quadrangulare.	22599:000, 000.	22599:000,000.	22599:000, 000.
Soliditas loricæ Horizontalis pro dimidio propug.	72567: 002, 194.	72436:365,988.	72358:788,708.
N° 28. Solidum Triangulare externum.	7903: 312,500.	7903:312, 500.	7903:312, 500.
N° 29, Solidum Quadrangulare.	113868:301, 500.	112262:098, 500.	111316:126, 500,
N° 30, Solidum Triangulare internum.	5245: 539,278.	5424,283,534.	5532:292, 112.
N° 31. Solidum Triangulare internum.	5245:539,278.	5424,283,534.	5532:292, 112.
N° 32. Solidum Quadrangulare.	13683:249, 000.	13540:891, 500.	13505:494, 500.
Soliditas loricæ viæ copertæ pro dimidio propug.	145945:941,556.	144554:869, 568.	143789, 517,724.
Tota soliditas dimidii propugnaculi.	1049809:474,927.	1049561:511, 743.	1049474:926, 217.

TABVLA STEREOMETRICA PROPVGNACVLORVM PLANORVM.

	Primus modus.	*Secundus modus.*	*Tertius modus.*
N° 1. Solidum Triangulare externum.	59360:671,875.	59360:671,875.	59360:671,875.
N° 2. Solidum Quadrangulare.	167662:588,500.	167662:588,500.	167662:588,500.
N° 3. Solidum Triangulare externum.	24587:776,569.	24587:776,569.	24587:776,569.
N° 4. Solidum Triangulare externum.	24587:776,569.	24587:776,569.	24587:776,569.
N° 5. Solidum Quadrangulare.	75444:088,500.	102174:088,500.	115539:088,500.
N° 6. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
N° 7. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
N° 8. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
N° 9. Solidum Triangulare internum.	20253:134,931.	20253:134,931.	20253:134,931.
N° 10. Solidum quadrangulare.	320760:000,000.	320760:000,000.	320760:000,000.
N° 11. Prisma scalenum erectum.	729:000,000.	729:000,000.	729:000,000.
N° 12. Prisma jacens scalenum.	1458:000,000.	1458:000,000.	1458:000,000.
N° 13. Pyramis erecta scalena.	486:000,000.	486:000,000:	486:000,000.
N° 14. Prisma scalenum erectum.	603:936,000.	603:936,000.	603:936,000.
N° 15. Prisma jacens scalenum.	2916:000,000.	2916:000,000.	2916:000,000.
N° 16. Pyramis erecta scalena.	486:000,000.	486:000,000.	486:000,000.
N° 17. Pyramis scalena erecta.	486:000,000.	486:000,000.	486:000,000.
N° 18. Parallelepipedum scalenum.	19440:000,000.	19440:000,000.	19440:000,000.
N° 19. Prisma jacens scalenum.	16200:000,000.	16200:000,000.	16200:000,000.
Soliditas valli pro dimidio propugnaculo.	796220:377,737.	822950:377,737.	836315:377,737.
N° 20. Solidum Triangulare externum.	1659:562,500.	1659:562,500.	1659:562,500.
N° 21. Solidum Quadrangulare.	33799:356,000.	33799:356,000.	33799:356,000.
N° 22. Solidum Triangulare externum.	687:427,667.	687:427,667.	687:427,667.
N° 23. Solidum Triangulare externum.	687:427,667.	687:427,667.	687:427,667.
N° 24. Solidum Quadrangulare.	5732:856,000.	8162:856,000.	9377:856,000.
N° 25. Solidum Triangulare internum.	1620:937,500.	1620:937,500.	1620:937,500.
N° 26. Solidum Triangulare internum.	1620:937,500.	1620:937,500.	1620:937,500.
N° 27. Solidum Quadrangulare.	22599:000,000.	22599:000,000.	22599:000,000.
Soliditas loricæ Horizontalis pro dimidio propugn.	68407:504,834.	70837:504,834.	72052:504,834.
N° 28. Solidum Triangulare externum.	7903:312,500.	7903:312,500.	7903:312,500.
N° 29. Solidum Quadrangulare.	109643:046,500.	109643:046,500.	109643:046,500.
N° 30. Solidum Triangulare internum.	5969:627,457.	5969:627,457.	5969:627,457.
N° 31. Solidum Triangulare internum.	5969:627,457.	5969:627,457.	5969:627:457.
N° 32. Solidum Quadrangulare.	13014:040,500.	13014:040,500.	13014:040,500.
Soliditas loricæ viæ coopertæ pro dimidio propugn.	142499:654,414.	142499:654,414.	142499:654.414.
Tota dimidii Propugnaculi soliditas.	1007127:536,985.	1036287:536,985.	1050867:536,985.

LORICÆ HORIZONTALES. Fig. N° 111.

Solid. super.	*In Dodrantal.*	*In Reg. Castel.*	*In Muniment.*	*Solidum infe.*	*In Dodrantal.*	*In Castel. Reg.*	*In Muniment.*
				1. Pyr. jac. Ab.	187,500.	187,500.	187,500.
1. Pyr. ere. Aa.	93,750.	93,750.	93,750.	2. Pris. ere. Ac.	843,750.	843,750.	843,750.
2. Pris. jac. Bd.	3:375,000.	3:375,000.	3:375,000.	3. Pris. jac. Be.	3:375,000.	3:375,000.	3:375,000.
3. Pris. jac. Cg.	843,750.	843,730.	843,750.	4. Parallel. Bf.	20:250,000.	20:250,000.	20:250,000.
4. Pris. ere. Dh.	2:531,250.	2:531,250.	2:531,250.	5. Pris jac. Ck.	843,750.	843,750.	843,750.
5. Pyr. ere. Di.	2:531,250.	2:531,250.	2:531,250.	6. Parall. Cm.	5:062,500.	5:062,500.	5:062,500.
				7. Pyr. jac. Dl.	5:062,500.	5:062,500.	5:062,500.
6. Pris. jac. En.	88:593,750.	118:968,750.	210:093,750.	8. Pris. jac. Eq.	88:593,750.	118:968,750.	210:093,750.
7. Pris. ere. Fo.	29:531,250.	39:656,250.	70:031,250.	9. Parallel. Er.	59:062,500.	79:312,500.	140:062,500.
8. Pyr. ere. Fp.	3:281,250.	4:406,250.	7:781,250.	10. Pyr. jac Ff.	6:562,500.	8:812,500.	15:562,500.
9. Pyr. ere. Gt.	7:593,750.	7:593,750.	7:593,750.	11. Pyr. jac. Gu.	15:187,500.	15:187,500.	15:187,500.
Solidum super.	138:375,000.	180:000,000.	304:875,000.	12. Pri. ere. Gw.	7:593,750.	7:593,750.	7:593,750.
				Solidum infer.	212:625,000.	265:500,000.	424:125,000.

VALLUM. Fig. N° 112.

Solidum sup.	*In Dodrantal.*	*In Reg. Cast.*	*In Muniment.*	*Solid. infer.*	*In Dodrantal.*	*In Cast. Reg.*	*In Muniment.*
1. Pyr. ere. Aa.	121:500,000.	288:000,000.	972:000,000.	1. Pyr. jac. Ab.	243:000,000.	576:000,000.	1944:000,000.
2. Pris. jac. Bd.	668:250,000.	1296:000,000.	4374:000,000.	2. Pris. ere. Ac.	243:000,000.	432:000,000.	972:000,000.
3. Pris. jac. Cg.	10:125,000.	18:000,000.	40:500,000.	3. Pris. jac. Be.	668:250,000.	1296:000,000.	4 374:000,000.
4. Pris. ere. Dh.	1:687,500.	2:250,000.	3:375,000.	4. Parallel. Bf.	891:000,000.	1296:000,000.	2916:000,000.
				5. Pris. jac. Ck.	10:125,000.	18:000,000.	40:500,000.
				6. Paralle. Cm.	13:500,000.	18:000,000.	27:000,000.
5. Pyr. ere. Di.	93,750.	93,750.	93,750.	7. Pyr. jac. Dl.	187,500.	187,500.	187,500.
6. Pris. jac. Eo.	165:375,000.	273:375,000.	570:375,000.	8. Pris. ere. Dn.	843,750.	843,750.	843,750.
7. Pris. jac. Fr.	41:343,750.	68:343,750.	142:593,750.	9. Pris. jac. Ep.	165:375,000.	273,375,000.	570:375,000.
8. Pris. ere. Gf.	17:718,750.	22:781,250.	32:906,250.	10. Parallel. Eq.	141:750.000.	182:250,000.	263:250,000.
9. Pyr. ere. Gt.	2:531,250.	2:531,250.	2:531,250.	11. Pris. jac. Fu.	41:343,750.	68:343,750.	142:593,750.
				12. Parallel. Fw.	35:437,500.	45:562,500.	65:812,500.
				13. Pyr. jac. Gx.	5:062,500.	5:062,500.	5:062,500.
10. Pris. jac. Hy.	797:343,750.	1599:468,750.	5252:343,750.	14. Pri. jac. Hbb	797:343,750.	1599:468,750.	5252:343,750.
11. Pris. ere, Iz.	88:593,750.	145:406,250.	350:156,250.	15. Parall. Hdd.	177:187,500.	290:812,500.	700:312,500.
12. Pyr. ere. Iaa.	3:281,250.	4:406,250.	7:781,250.	16. Pyr. jac. Icc.	6:562,500.	8:812,500.	15:562,500.
13. Pyr. ere. Kee	205:031,250.	374:343,750.	949:218,750.	17. Pyr. jac. Kff.	410:062,500.	748:687,500.	1898:437,500.
Solidum super.	2122:875,000.	4095:000,000.	12697:875,000.	18. Pri. ere. Kgg.	68:343,750.	102:093,750.	189:843,750.
				Solid. inferius.	3918:375,000.	6961:500,000.	19378:125,000.

LORICÆ VIÆ COOPERTÆ. Fig. N° 113.

Solidum superius.	*In Quadrantalib.*	*In Dimidiatis.*	*Solidum inferius.*	*In Quadrantalib.*	*In Dimidiatis.*
1. Pyramis erecta Aa.	2:531,250.	2:531,250.	1. Pyramis jacens Ab.	5:062,500.	5:062,500.
2. Pyramis erecta BC.	118:968,750.	129:093,750.	2. Pyramis jacens Bd.	237:937,500.	258:187,500.
Solidum superius.	121:500,000.	131:625,000.	Solidum inferius.	243:000,000.	263:250,000.

LORICÆ VIÆ COOPERTÆ. Fig. N° 114.

Solidum superius.	*In Dodrantalibus.*	*In Reg. & Munim.*	*Solidum inferius.*	*In Dodrantalibus.*	*In Reg. & Munim.*
			1. Pyramis jacens Ab.	187,500.	187,500.
1. Pyramis erecta Aa.	93,750.	93:750.	2. Prisma erectum Ac.	843,750.	843,750.
2. Prisma jacens Bd.	3:375,000.	3:375,000.	3. Prisma jacens Be.	3:375,000.	3:375,000.
3. Prisma jacens Cg.	843,750.	843,750.	4. Parallelepiped. Bf.	20:250,000.	20:250,000.
			5. Prisma jacens Ck.	843,750.	843,750.
4. Prisma erectum Dh	2:531,250.	2:531,250.	6. Parallelepiped. Cl.	5:062,500.	5:062,500.
5. Pyramis erecta Di.	2:531,250.	2:531,250.	7. Pyram. jacens Dm.	5:062,500.	5:062,500.
6. Pyramis erecta En.	462:000,000.	498:000,000.	8. Pyramis jacens Eo.	924:000,000.	996:000,000.
Solidum superius.	471:375,000.	507:375,000.	Solidum inferius.	959:625,000.	1031:625,000.

TABVLA GENERALIS SOLIDORVM SVPERIORVM ET INFERIORVM.

	Latitudo.	*Basis.*	*Solidum superius.*	*Solidum inferius.*
Lorica Dodrantalis.	6:000	15:000	138:375,000.	212:625,000.
	3:000.	15:000.	69:187,500.	106:312,500,
Lorica Castellorum Regior.	6:000.	18:000.	180:000,000.	265:500,000.
	3:000.	18:000.	90:000,000.	132:750,000.
Lorica Munimentorum.	6:000.	27:000.	304:875,000.	424:125,000.
	3:000.	27:000.	152:437,500.	212:062,500.
Vallum Dodrantale.	15:000.	45:000.	2122:875,000.	3918:375,000.
	7:500.	45:000.	1061:437,500.	1959:187,500.
Vallum Castellorum Regior.	18:000.	54:000.	4095:000,000.	6961:500,000.
	9:000.	54:000.	2047:500,000.	3480:750,000.
Vallum Munimentorum.	24:000.	81:000	12697:875,000.	19378:125,000.
	12:000.	81:000.	6348:937,500.	9689:062,500.
Lorica viæ coopertæ Quadr.	4:500	36:000.	121:500,000.	243:000,000.
	2:250.	36:000.	60:750,000	121:500,000.
Lorica viæ coopertæ Dimid.	4:500.	39:000.	131:625,000	263:250,000.
	2:250.	39:000.	65:812,500.	131:625,000.
Lorica viæ coopertæ Dodr.	6:000.	81:000.	471:375,000.	959:625,000.
	3:000.	81:000.	235:687,500.	479:812,500.
Lorica viæ coopertæ Regia.	6:000	87:000.	507:375,000.	1031:625,000.
	3:000.	87:000	253:687,500.	515:812,500.

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